

AD-A108 164

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

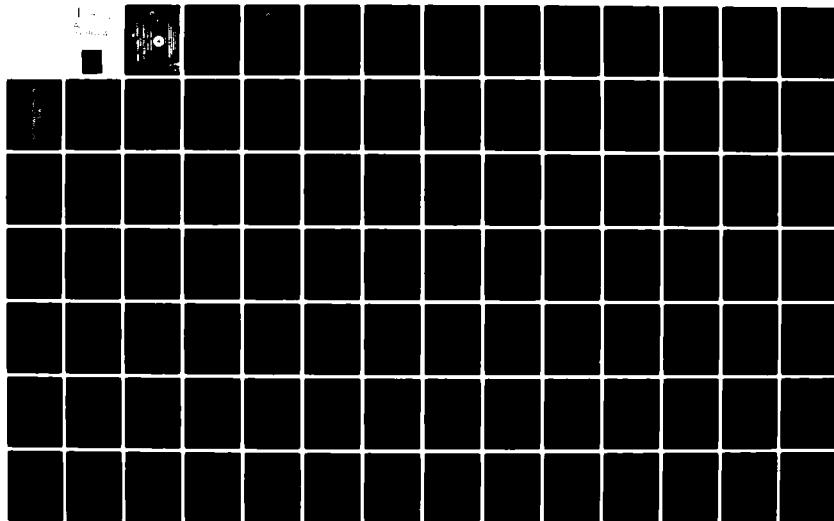
WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

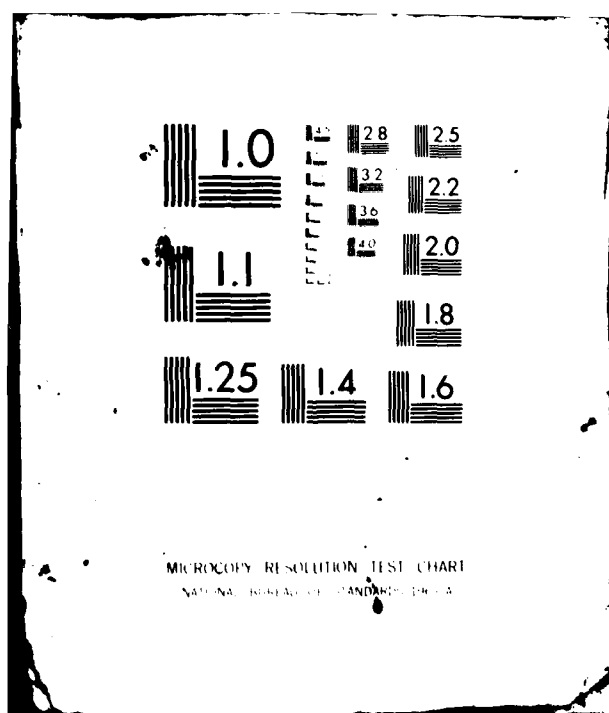
JUN 81

DOT-FA79WAI-057

NL

UNCLASSIFIED





AD A108164

1. Report No.	2. Government Accession No. <i>AD-A108164</i>	3. Recipient's Catalog No.	
4. Title and Subtitle Wind-Ceiling-Visibility Data at Selected Airports - Volume VI A - Southwest Region		5. Report Date June 1981	6. Performing Organization Code
7. Author(s)		8. Performing Organization Report No.	
9. Performing Organization Name and Address National Climatic Center Federal Building Asheville, North Carolina 28801		10. Work Unit No. (TRAIS)	11. Contract or Grant No. DOT-FA79WAI-057
12. Sponsoring Agency Name and Address DOT/Federal Aviation Administration Office of Aviation Policy and Plans 800 Independence Avenue, S.W. Washington, D.C. 20591		13. Type of Report and Period Covered Final Report	
15. Supplementary Notes		14. Sponsoring Agency Code	
16. Abstract This report provides summary tables and graphic wind roses depicting wind direction and speed under specific ceiling - visibility conditions at 283 airports. This data will be used in the application of FAA's establishment criteria for precision and non-precision approach and landing aids.			
17. Key Words Ceiling, visibility, climatology		18. Distribution Statement Document is available to the public through the National Technical Information Service, Springfield, Va. 22151	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 424	22. Price -

Interagency Agreement DOT-FA79WAI-057

WIND-CEILING-VISIBILITY
DATA
AT SELECTED AIRPORTS

April 1981

This report has been prepared by the U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data and Information Service, National Climatic Center, Asheville, North Carolina for the Office of Aviation Policy and Plans, Federal Aviation Administration under Interagency Agreement No. DOT-FA79WAI-057. The contents of this report reflect the views of the contractor, who is responsible for the facts and accuracy of the data presented herein, and do not necessarily reflect the official views or policy of the FAA. This report does not constitute a standard, specification or regulation.

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

OTIC
SELECTED
DEC 8 1981

CONTENTS

Foreword	i
Legend for Table and Wind Rose	iv
Station List	vii
Region Name	1
Wind Roses and Tables	2
Part B	418

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Avail and/or	
Dist	Special
A	

Pages are intentionally left blank

FOREWORD

INTRODUCTION

Summary tables and graphs have been prepared to assist the FAA in the application of establishment criteria for precision and non-precision approach and landing aids. These tables and graphs depict wind direction and speed under specified ceiling and visibility conditions. This report has been prepared by the National Climatic Center for the FAA under Interagency Agreement No. DOT-FA79WAI-057.

Climatological information for selected airports is presented in 11 volumes:

- Volume 1 - New England Region (ANE)
- Volume 2 - Eastern Region (AEA)
- Volume 3 - Southern Region (ASO)
- Volume 4 - Great Lakes Region (AGL)
- Volume 5 - Central Region (ACE)
- Volume 6 - Southwest Region (ASW)
- Volume 7 - Rocky Mountain Region (ARM)
- Volume 8 - Northwest Region (ANW)
- Volume 9 - Western Region (AWE)
- Volume 10 - Alaskan and Pacific Regions (AAL and APC)
- Volume 11 - Visibility Time Series for Key Stations

Summary tables and graphs are presented in volumes 1-10. Graphical time series of visibility measurements for key stations throughout the United States are presented in volume 11 to give the reader some insight into the climate variability that can be expected.

ELEMENT CLASSIFICATION

Twelve tables for each station depict wind direction vs. wind speed distributions. Half the tables show daytime distributions for six ceiling-visibility classes, and half show nighttime distributions for the same six ceiling-visibility classes. A graphical depiction of the data in each table is also presented. An additional graph for each station depicts the combined day and night winds for all ceiling-visibility conditions.

Wind direction is grouped according to a 16-point compass (N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW) plus calm. The wind speed groups are 0-3, 4-12, 13-15, 16-18, 19-24, 25-31 and equal to or greater than 32 mph.

The ceiling-visibility criteria are defined as:

CLASS 1 = ceiling equal to or greater than 1500 feet and visibility equal to or greater than 3 miles.

CLASS 2 = ceiling less than 1500 feet and/or visibility less than 3 miles.

CLASS 3 = ceiling less than 1500 feet and/or visibility less than 3 miles, but ceiling equal to or greater than 400 feet and visibility equal to or greater than 1 mile.

CLASS 4 = ceiling less than 400 feet and/or visibility less than 1 mile, but ceiling equal to or greater than 200 feet and visibility equal to or greater than 1/2 mile.

CLASS 5 = ceiling less than 200 feet and/or visibility less than 1/2 mile, but ceiling equal to or greater than 100 feet and visibility equal to or greater than 1/4 mile.

CLASS 6 = ceiling less than 100 feet and/or visibility less than 1/4 mile.

CLASS 7 = all ceiling and visibility conditions; sum of classes 1 and 2; also the sum of classes 1 and 3 through 6.

Time conditions are determined from the onset of civil twilight in the morning to the end of civil twilight in the evening. Civil twilight begins (ends) when the sun is six degrees below the horizon. It covers the somewhat indefinite period before sunrise and after sunset during which natural illumination usually remains sufficient for ordinary outdoor operations. For this report the morning (evening) times of beginning (ending) of civil twilight at a station are determined for the middle of a month. All data within this month are classified as either day or night according to these times.

DATA

The data used in the preparation of the climatological tables and graphs were extracted from the National Climatic Center's Tape Deck 1440 Hourly Surface Observations. The data contained in this deck have been digitized from the official observations recorded on station. From about 1948 through 1964 data were digitized for each hour in a day. From 1965 onward only every third hour's data were digitized. The tables and graphs in this report are based on eight observations per day (every third hour) for

the entire period of record. This was done to eliminate the data bias problems that would have been created by trying to mix the 24 observations per day prior to 1965 with the 8 observations per day after 1964.

The effect on the climatology of not using all the available data was examined for representative key stations in each region. Monthly day and night distributions were prepared for all ceiling-visibility criteria and wind speed and direction groups using 24 observations per day. A data subset was created by extracting every third observation from the hourly data set, and similar frequency distributions were prepared. The Kolmogorov-Smirnov test was applied to evaluate the hypotheses that distributions using 24 observations per day are statistically the same as distributions using 8 observations per day. The results of this procedure indicate equality

of distributions in most cases. Therefore, no significant information has been lost by basing the climatologies on 8 observations per day. Exceptions are discussed in Volume II.

The tables and graphs are also available on microfiche, and the summarized data are available on magnetic tape. This report presents annual summaries, but monthly summaries can be generated on magnetic tape. Requests for microfiche copies of this report and for data on magnetic tape should be addressed to:

Director
National Climatic Center
Federal Building
Asheville, NC 28801

The requested microfiche copies and/or tapes will be provided at cost.

TABLE LEGEND

A = number of day (night) observations in a given ceiling-visibility class, wind speed class and direction divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6, all wind speed classes and directions times 100.

B = number of day (night) observations in a given ceiling-visibility class, wind speed class and direction divided by the total number of day (night) observations in the given ceiling-visibility class and direction times 100.

C = number of day (night) observations of a given direction divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

D = number of day (night) observations of a given direction divided by the total number of day (night) observations in the given ceiling-visibility class times 100.

E = number of day (night) observations in a given wind speed class divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

F = number of day (night) observations in a given wind speed class divided by the total number of day (night) observations in the given ceiling-visibility class times 100.

G = number of day (night) observations in the given ceiling-visibility class divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

100 = summation of column D = summation of row F.

H = average wind speed for the given day (night) ceiling-visibility class and direction.

I = average wind speed for the given day (night) ceiling-visibility class.

J = overall period of record; see station list for actual years of record used.

Note: Ceiling-visibility class 2 is the sum of classes 3-6.

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BDR BRIDGEPORT, CT

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 94702

NO. OBS.: 29909

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.3	.3	2.6	3.1	1.1	1.4	.2	.9	.6	.8	.1	.1	.0	.0	5.5	6.6	12.6
NNE	.2	.3	1.7	2.1	.6	.7	.3	.4	.2	.3	.1	.1	.0	.0	3.2	3.8	11.3
NNE	.3	.4	2.2	2.6	.9	1.0	.6	.7	.3	.4	.0	.0	.0	.0	4.3	5.1	11.5
ENE	.2	.2	1.5	1.8	.6	.7	.4	.5	.2	.3	.0	.1	.0	.0	3.0	3.5	11.7
E	.2	.2	2.2	2.6	.8	1.0	.6	.7	.3	.4	.1	.1	.0	.0	4.2	5.0	11.9
ESE	.1	.1	1.7	2.0	.4	.5	.3	.3	.2	.2	.0	.0	.0	.0	2.7	3.2	10.9
SE	.2	.2	1.5	1.7	.4	.5	.1	.2	.1	.2	.0	.0	.0	.0	2.2	2.6	9.8
SSE	.1	.1	1.7	2.0	.4	.5	.1	.2	.1	.2	.0	.0	.0	.0	2.3	2.8	9.8
S	.2	.2	2.9	3.5	1.2	1.5	1.2	1.5	1.3	1.4	.0	.0	.0	.0	5.0	5.9	11.4
SSM	.1	.1	2.5	3.0	1.2	1.5	1.2	1.5	.6	.1	.1	.1	.0	.0	5.3	6.3	12.8
SM	.2	.3	4.6	5.4	2.4	2.9	1.3	1.6	.5	.7	.1	.1	.0	.0	8.8	10.5	12.1
MSM	.2	.2	3.8	4.5	1.8	2.2	1.3	1.5	.9	1.0	.2	.2	.0	.0	8.1	9.6	13.1
M	.1	.2	2.9	3.5	1.3	1.6	1.1	1.4	1.1	1.3	.4	.5	.1	.1	7.1	8.5	14.4
MNM	.2	.2	2.1	2.5	1.3	1.6	1.3	1.6	1.6	1.9	.7	.9	.2	.2	7.5	8.8	16.3
NM	.2	.3	2.1	2.5	1.3	1.6	1.6	1.8	1.6	1.9	.7	.9	.1	.2	7.7	9.2	16.0
NMM	.2	.2	2.1	2.5	1.2	1.4	1.1	1.3	1.3	1.5	.4	.5	.1	.1	6.3	7.5	15.1
CALM	1.1	1.3													1.1	1.3	
TOTAL	4.1	4.8	38.2	45.3	16.4	19.5	12.3	14.6	9.8	11.7	3.0	3.5	.6	.7	184.3	100	12.0

(E)

(F)

(G)

(100)

(I)

(H)

(C)

(D)

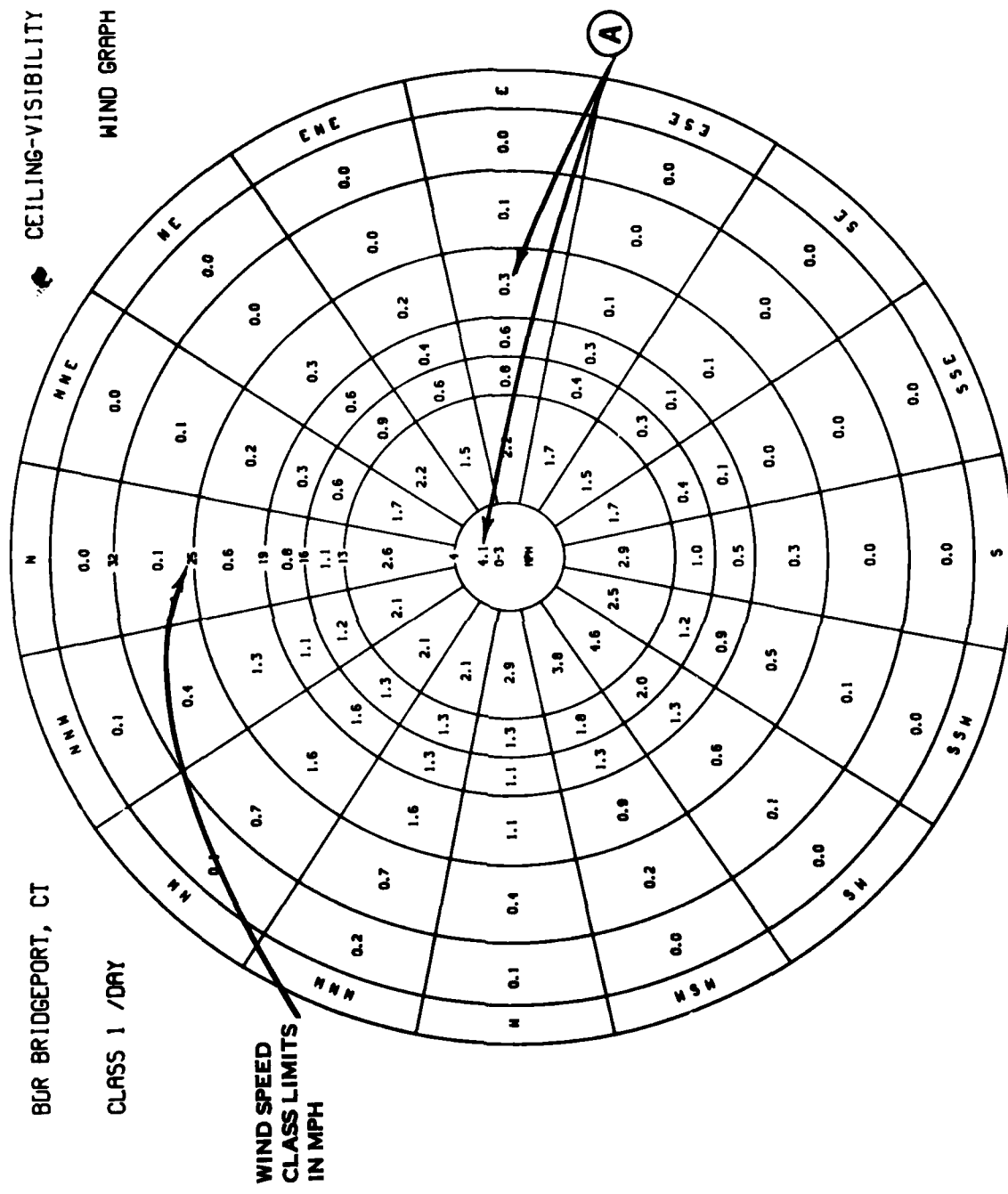
(A)

(B)

(J)

CEILING-VISIBILITY

WIND GRAPH



BUR BRIDGEPORT, CT

CLASS 1 /DAY

WIND SPEED
CLASS LIMITS
IN MPH

A—NUMBER OF DAY (NIGHT) OBSERVATIONS IN A GIVEN CEILING—VISIBILITY CLASS, WIND SPEED CLASS AND DIRECTION DIVIDED BY THE TOTAL NUMBER OF DAY (NIGHT) OBSERVATIONS IN CEILING—VISIBILITY CLASSES 1, 3-6, ALL WIND SPEED CLASSES AND DIRECTIONS TIMES 100.

STATION LIST

ST CITY	AP ID	STATION NUMBER	PERIOD OF RECORD
AR			
Fayetteville	FYV	93993	1950-1954 1967 1974-1978
Fort Smith	FSM	13964	1949-1978
Little Rock	LIT	13963	1949-1978
LA			
Baton Rouge	BTR	13970	1949-1978
Lafayette	LFT	13976	1949-1958 1974-1978
Lake Charles	LCH	03937	1962-1978
New Orleans	MSY	12916	1949-1978
Shreveport	SHV	13957	1953-1978
NM			
Albuquerque	ABQ	23050	1949-1978
Farmington	FMN	23090	1954-1978
Galup	GUP	23081	1973-1978
Roswell	ROW	23009	1973-1978
Truth Or Consequences	TCS	93045	1951-1976
Tucumcari	TCC	23048	1949-1978
OK			
Oklahoma City	OKC	13967	1948-1978
Tulsa	TUL	13968	1949-1978

TX

Abilene	ABI	13962	1949-1978
Amario	AMA	23047	1949-1978
Austin	AUS	13958	1949-1978
Brownsville	BRO	12919	1949-1978
Corpus Christi	CRP	12924	1961-1978
Dallas	DAL	13960	1949-1978
Fort Worth	GSW	03927	1954-1973
Del Rio	DRT	22010	1964-1978
El Paso	ELP	23044	1949-1978
Houston	HOU	12918	1949-1968 1974-1978
Houston	IAH	12960	1970-1978
Lubbock	LBB	23042	1949-1978
Lufkin	LFK	93987	1949-1978
Midland	MAF	23023	1949-1966 1971-1978
Port Arthur	BPT	12917	1949-1978
San Angelo	SJT	23034	1949-1952 1955-1978
San Antonio	SAT	12921	1949-1978
Victoria	VCT	12912	1965-1978
Waco	ACT	13959	1949-1978

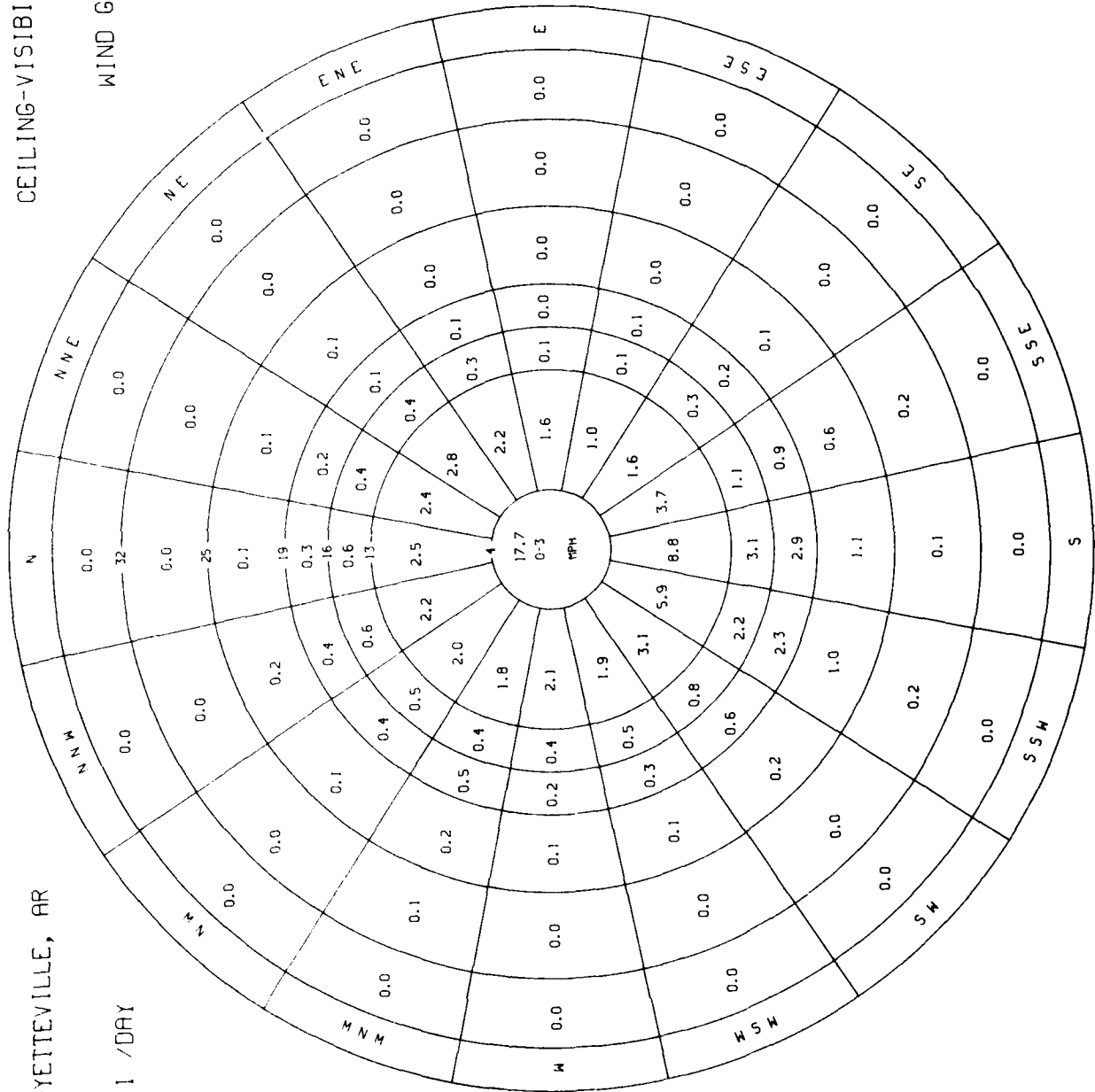
* Note: Period of record does not end in 1978.

SOUTHWEST REGION

(ASW)

FYV FAYETTEVILLE, AR

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAY FA-STERVILLE, AR

CLASS: / DAY

NO. OBS.: 15601

STATION NUMBER: 92992

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.3	.4	2.5	2.8	.6	.6	.3	.4	.1	.1	.0	.0	.0	.0	3.8	4.2	9.9	
NNE	.3	.3	2.4	2.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.3	3.7	9.4	
NE	.5	.5	2.8	3.1	.4	.4	.1	.1	.1	.1	.0	.0	.0	.0	3.8	4.2	8.5	
ENE	.3	.3	2.2	2.5	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	2.9	3.3	8.7	
E	.4	.5	1.6	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.4	7.1	
ESE	.2	.2	1.0	1.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.4	1.6	8.1	
SE	.5	.5	1.6	1.7	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.6	3.0	8.9	
SSE	.5	.5	3.7	4.1	1.1	1.2	.9	1.0	.6	.7	.2	.2	.0	.0	7.0	7.8	11.9	
S	1.0	1.2	8.8	9.8	3.1	3.5	2.9	3.2	1.1	1.3	.1	.1	.0	.0	17.2	19.2	11.7	
SSW	.6	.6	5.9	6.6	2.2	2.5	2.3	2.5	1.0	1.1	.2	.3	.0	.0	12.2	13.6	12.4	
SW	.7	.8	3.1	3.5	.8	.9	.6	.7	.2	.2	.0	.1	.0	.0	5.4	6.1	10.1	
WSW	.2	.2	1.9	2.1	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	3.0	3.3	10.3	
W	.2	.3	2.1	2.3	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	3.0	3.4	10.0	
WNW	.2	.3	1.8	2.0	.4	.5	.5	.6	.2	.2	.1	.1	.0	.0	3.3	3.6	11.5	
NW	.3	.4	2.0	2.3	.5	.6	.4	.5	.1	.2	.0	.0	.0	.0	3.5	3.9	10.7	
NNW	.2	.2	2.2	2.4	.6	.7	.4	.5	.2	.2	.0	.0	.0	.0	3.7	4.1	11.1	
CALM	11.3	12.6													11.3	12.6		
TOTAL	17.7	19.8	45.6	50.8	11.8	13.2	9.6	10.7	3.9	4.4	.9	1.0	.1	.1	89.6	100	9.4	

100

STATION NAME: COLUMBIA RIVER

SECRET

STATION NUMBER: 1193

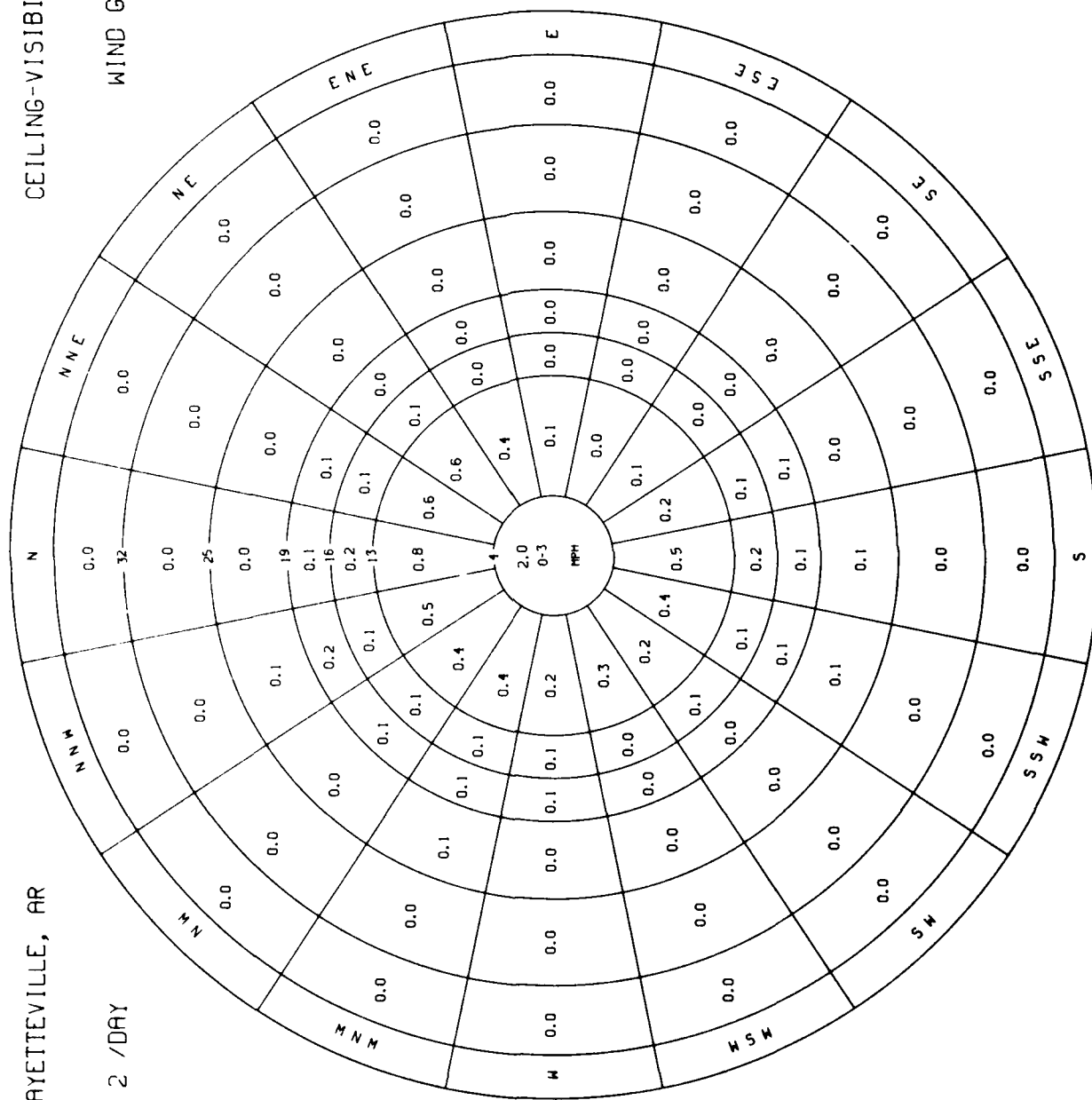
D I R	SPEED GROUPS (MPH)																		AVS WIND SPEED
	0-3		4-12		17-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.4	.4	2.	2.2	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.4		
NNE	.3	.3	1.6	1.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3		
NE	.5	.5	1.2	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4		
ENE	.3	.3	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1		
E	.2	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2		
ESE	.1	.2	.5	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2		
SE	.4	.4	.9	1.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.7		
SSE	.6	.7	2.2	2.5	.4	.5	.5	.6	.3	.4	.1	.1	.1	.0	.1	.0	4.7		
S	2.2	3.2	10.	11.4	1.7	1.9	1.5	1.2	.6	.6	.1	.1	.1	.0	.0	.0	13.0		
SSW	2.5	2.9	7.6	2.7	1.2	1.4	1.1	1.2	.1	.4	.1	.1	.0	.0	.0	.0	14.7		
SW	.2	.4	2.6	2.0	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	5.0		
WSW	.1	.2	1.3	1.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5		
W	.1	.1	.9	1.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.5		
WNW	.2	.2	1.1	1.3	.2	.2	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	1.9		
NW	.5	.5	1.4	1.5	.3	.4	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.8		
NNW	.3	.3	1.5	1.8	.3	.3	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.9		
CALC	28.9	33.0															33.0		
TOTAL	39.4	44.9	26.1	41.2	5.5	6.2	4.5	5.1	1.5	2.1	.4	.4	.1	.1	.1	.1	100		

CEILING-VISIBILITY

WIND GRAPH

FYV FAYETTEVILLE, AR

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FYV FAYETTEVILLE, AR

PERIOD: 1950-1978

CLASS 2 / DAY

STATION NUMBER: 93993

NO. OBS.: 1803

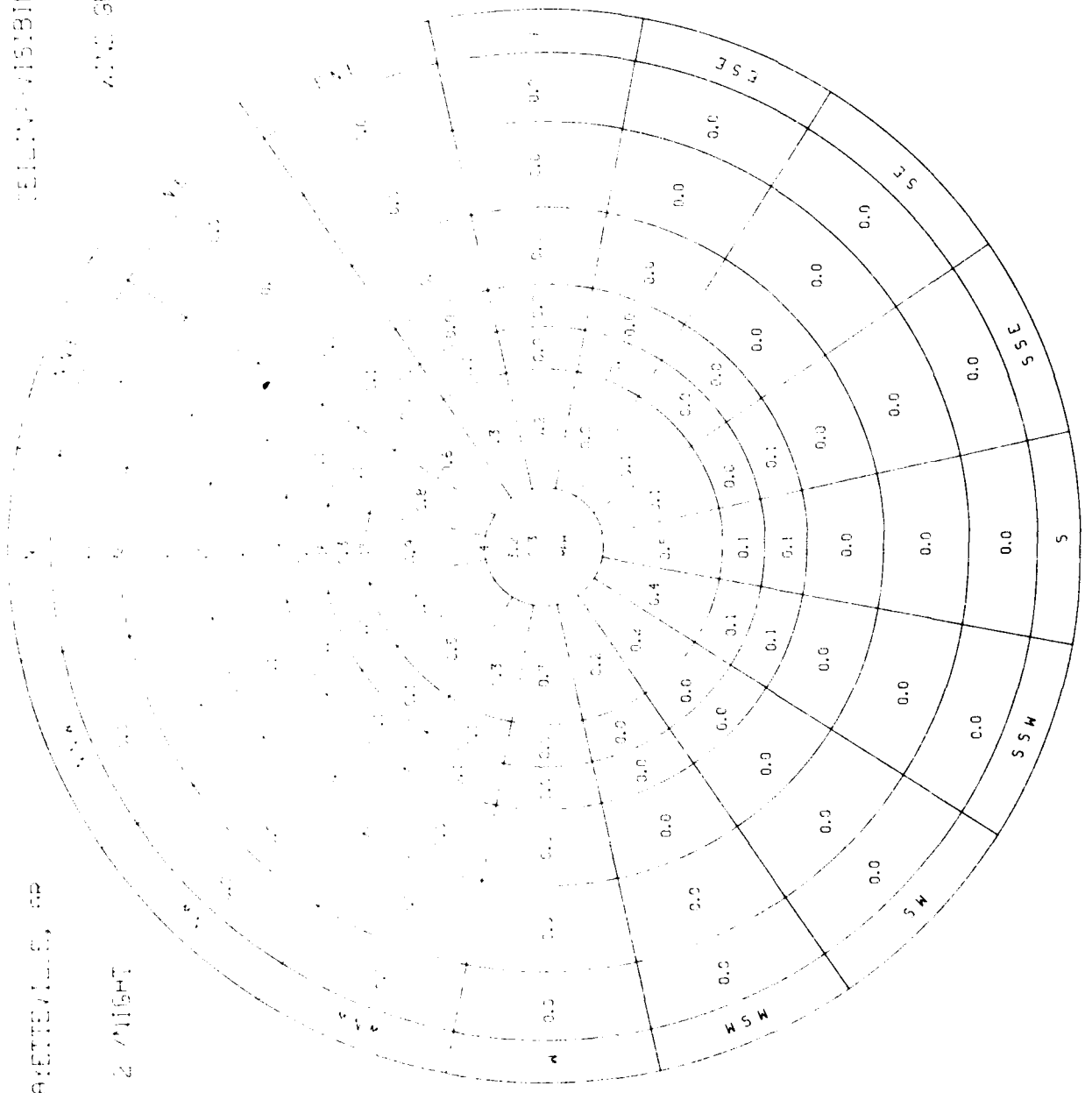
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.8	7.5	.2	1.6	.1	1.1	.0	.4	.0	.1	.0	.1	1.1 10.9
NNE	.0	.3	.6	6.1	.1	1.3	.1	.6	.0	.2	.0	.0	.0	.0	.9 8.5
NE	.1	.8	.6	5.5	.1	.7	.0	.4	.0	.1	.0	.1	.0	.0	.8 7.5
ENE	.0	.3	.4	3.5	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.5 4.4
E	.0	.3	.1	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.1
ESE	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
SE	.0	.2	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1 1.4
SSE	.0	.1	.2	1.8	.1	.7	.1	.9	.0	.1	.0	.0	.0	.0	.4 3.6
S	.1	.7	.5	4.8	.2	1.6	.1	1.1	.1	.7	.0	.1	.0	.0	.9 8.9
SSW	.1	.6	.4	3.4	.1	.9	.1	1.2	.1	.6	.0	.1	.0	.0	.7 6.8
SW	.1	.5	.2	2.0	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.3 3.3
WSW	.0	.2	.3	2.6	.0	.3	.0	.2	.0	.2	.0	.1	.0	.0	.4 3.5
W	.1	.5	.2	2.2	.1	.6	.1	.6	.0	.1	.0	.0	.0	.1	.4 3.9
WNW	.0	.2	.4	3.5	.1	.8	.1	.6	.1	.5	.0	.0	.0	.0	.6 5.5
NW	.0	.4	.4	4.0	.1	1.1	.1	.8	.0	.3	.0	.1	.0	.0	.7 6.8
NNW	.0	.2	.5	5.0	.1	1.4	.2	1.5	.1	.7	.0	.1	.0	.0	.9 8.9
CALM	1.4	13.4													1.4 13.4
TOTAL	2.0	19.0	5.7	54.7	1.3	12.4	1.0	9.4	.4	3.9	.1	.6	.0	.1	10.4 100
															9.2

TELE-VISIBILITY

WIND GRAPH

FYV PAPER/11.5, 82

CLASS 2 /115HT



FINN

PERIOD: 1950-: 978

STATION NAME: 11, CRYSTAL VALLEY, AR

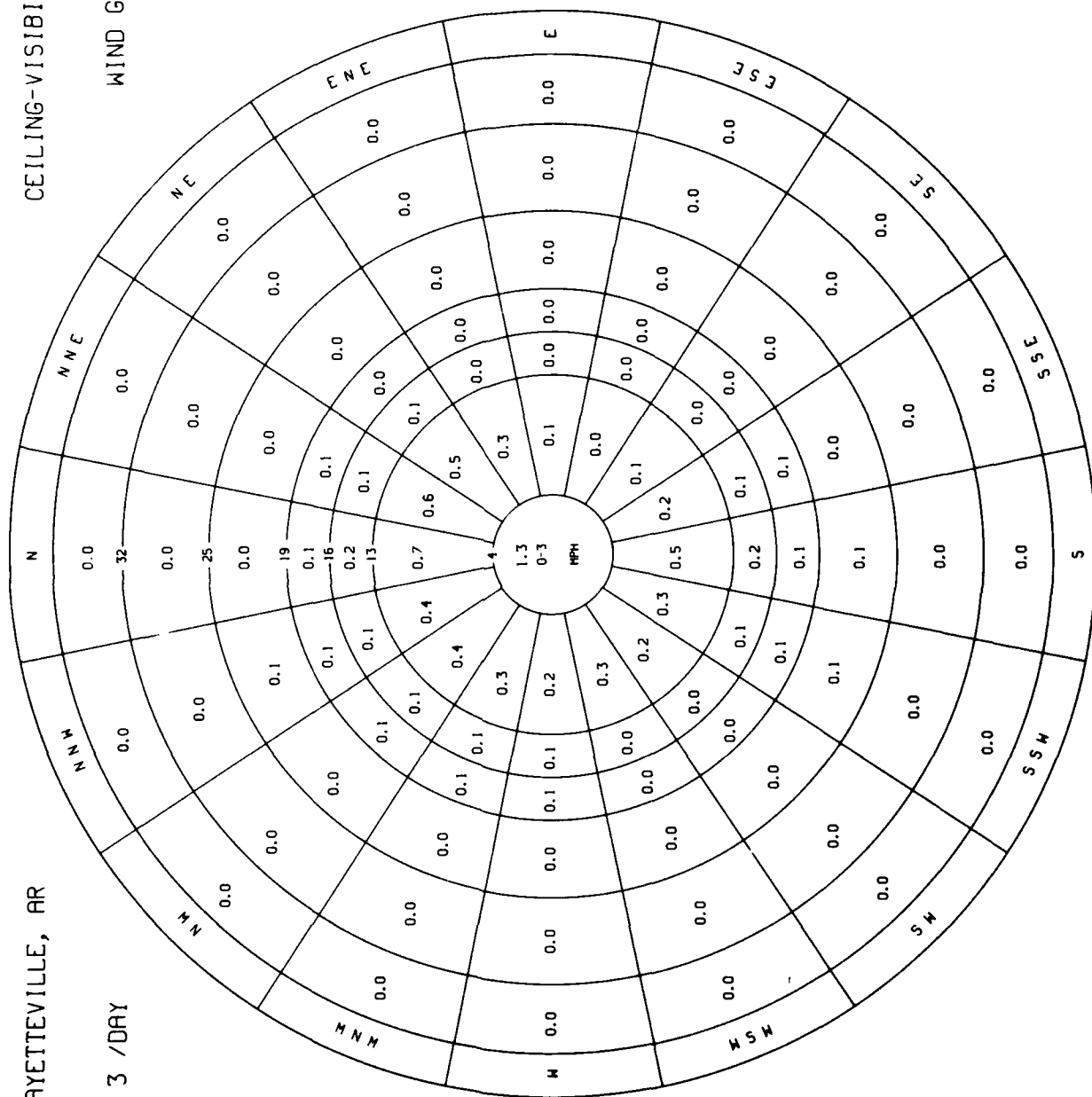
1000

NO.	OBS.	1813
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

STATION NUMBER: 93493

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.9	7.1	.3	2.0	.2	1.6	.0	.4	.0	.1	.0	.0	1.4	11.5	11.5
NNE	.0	.3	.8	6.9	.1	1.0	.1	.6	.0	.1	.0	.1	.0	.0	1.1	8.9	10.0
NE	.1	.7	.6	5.1	.1	1.0	.1	.6	.0	.2	.0	.0	.0	.0	.9	7.5	9.7
ENE	.0	.1	.3	2.3	.1	.5	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.0	9.5
E	.0	.2	.2	1.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.5	6.7
ESE	.0	.0	.0	.3	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.1	.6	12.2
SE	.0	.1	.1	.8	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.2	1.4	10.6
SSE	.0	.3	.1	1.2	.0	.4	.1	.6	.0	.2	.0	.2	.0	.0	.4	2.9	12.2
S	.1	.8	.5	4.4	.1	1.2	.1	1.1	.0	.3	.0	.2	.0	.0	1.0	7.9	10.4
SSW	.1	.5	.4	3.0	.1	.9	.1	.7	.0	.1	.0	.2	.0	.0	.7	5.3	11.0
SW	.1	.7	.2	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.3	6.9
WSW	.0	.2	.2	1.8	.0	.2	.0	.1	.0	.2	.0	.0	.0	.0	.3	2.5	9.3
W	.1	.6	.3	2.5	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.3	8.0
WNW	.0	.2	.3	2.3	.1	.9	.1	.4	.0	.1	.0	.0	.0	.1	.5	4.0	11.2
NW	.1	.7	.5	4.2	.1	1.0	.1	.9	.0	.1	.0	.0	.0	.0	.9	6.9	10.1
NNW	.1	.8	.7	5.9	.2	1.6	.2	1.6	.1	.4	.0	.1	.0	.1	1.3	10.5	11.4
CALM	2.5	20.1											.0	.1	2.5	20.1	
TOTAL	3.2	26.4	6.2	50.4	1.4	11.1	1.1	8.8	.3	2.4	.1	.8	.0	.1	12.3	100	8.3

FYV FAYETTEVILLE, AR
 CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FYV FAYETTEVILLE, AR

CLASS 3 / DAY

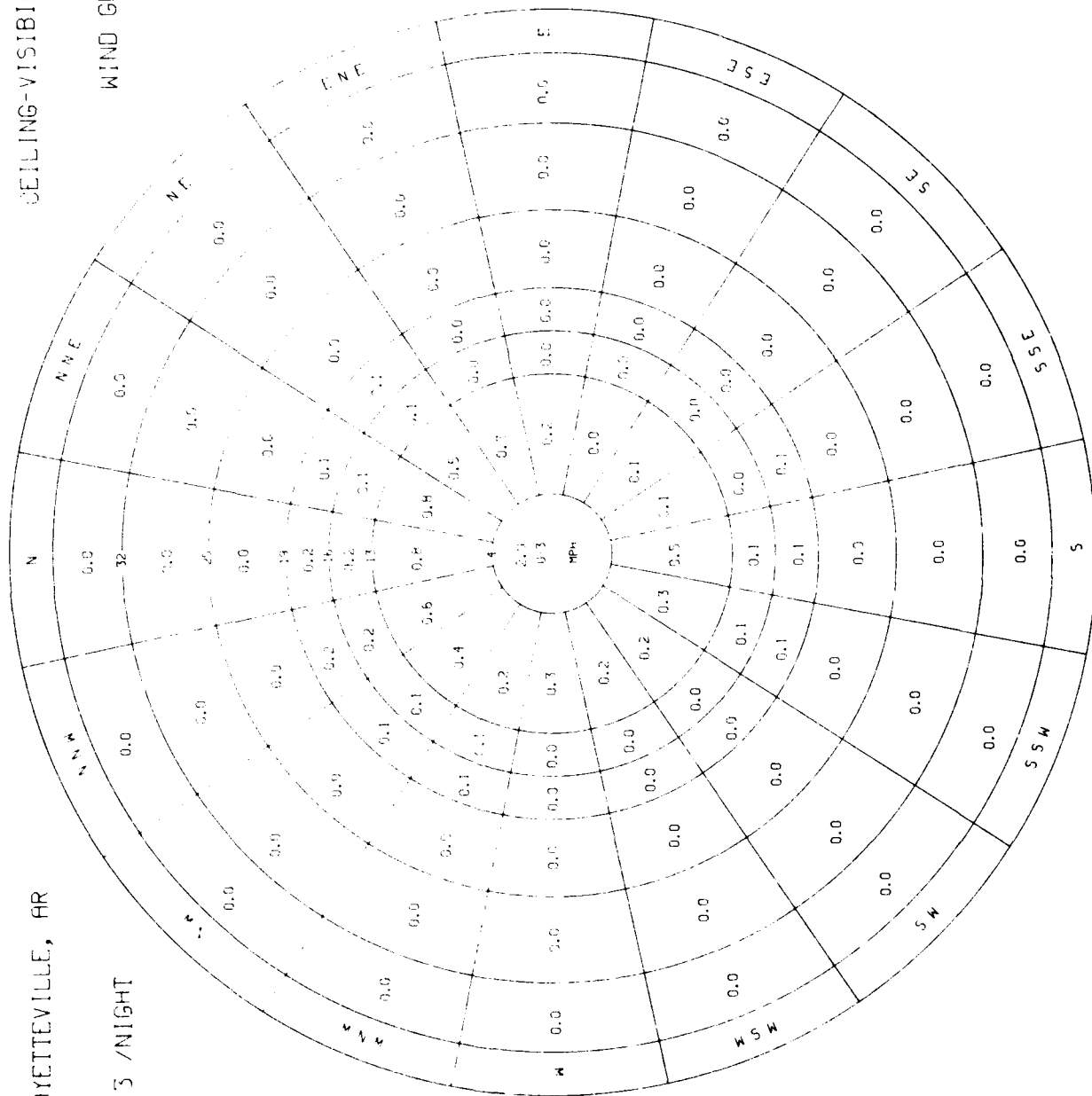
NO. OBS.: 1555

STATION NUMBER: 93993

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.7	8.0	.2	1.8	.1	1.0	.0	.4	.0	.1	.0	.1	1.0	11.7	11.0
NNE	.0	.3	.6	6.2	.1	1.4	.1	.6	.0	.3	.0	.0	.0	.0	.8	8.8	10.5
NE	.1	.6	.5	5.7	.1	.7	.0	.5	.0	.1	.0	.1	.0	.0	.7	7.7	9.4
ENE	.0	.2	.3	3.7	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.4	4.6	9.1
E	.0	.2	.1	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	8.4
ESE	.0	.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.5
SE	.0	.2	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.4	8.3
SSE	.0	.1	.2	2.1	.1	.8	.1	1.1	.0	.1	.0	.0	.0	.0	.4	4.1	12.2
S	.0	.5	.5	5.4	.2	1.9	.1	1.2	.1	.8	.0	.1	.0	.0	.9	9.8	11.5
SSW	.1	.6	.3	3.7	.1	1.1	.1	1.4	.1	.6	.0	.1	.0	.0	.7	7.4	11.7
SW	.0	.5	.2	2.3	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.3	3.6	9.3
WSW	.0	.1	.3	2.8	.0	.4	.0	.1	.0	.1	.0	.1	.0	.0	.3	3.7	10.0
W	.0	.5	.2	2.2	.1	.6	.1	.6	.0	.1	.0	.0	.0	.1	.4	4.0	10.2
WNW	.0	.2	.3	3.7	.1	1.0	.1	.6	.0	.5	.0	.0	.0	.0	.5	6.0	11.3
NW	.0	.4	.4	4.0	.1	1.0	.1	.7	.0	.3	.0	.1	.0	.0	.6	6.6	11.4
NNW	.0	.3	.4	4.6	.1	1.4	.1	1.5	.1	.7	.0	.1	.0	.0	.8	8.6	12.5
CALM	.8	9.5													.8	9.5	
TOTAL	1.3	14.4	5.1	57.3	1.2	13.4	.9	10.0	.4	4.2	.1	.6	.0	.1	8.9	100	9.8

CEILING-VISIBILITY
WIND GRAPH

FYV FAYETTEVILLE, AR
CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FIV FAYETTEVILLE, AR

CLASS 3 / NIGHT

NO. OBS.: 1506

STATION NUMBER: 93993

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.8	8.1	.2	2.3	.2	1.7	.0	.5	.0	.1	.0	.0	1.3 12.9 11.5
NNE	.0	.3	.8	7.4	.1	1.0	.1	.7	.0	.1	.0	.1	.0	.0	1.0 9.6 10.1
NNE	.1	.6	.5	5.2	.1	1.1	.1	.6	.0	.3	.0	.0	.0	.0	.8 7.8 9.9
ENE	.0	.1	.3	2.5	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.3 3.2 9.4
E	.0	.2	.2	1.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2 1.8 6.7
ESE	.0	.0	.0	.4	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.1 .7 12.2
SE	.0	.1	.1	1.0	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.2 1.7 10.6
SSE	.0	.3	.1	1.4	.0	.5	.1	.7	.0	.3	.0	.2	.0	.0	.3 3.3 12.5
S	.0	.5	.5	4.7	.1	1.4	.1	1.3	.0	.3	.0	.2	.0	.0	.9 8.4 11.2
SSW	.0	.5	.3	3.4	.1	1.0	.1	.8	.0	.1	.0	.2	.0	.0	.6 6.0 11.1
SW	.1	.7	.2	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 2.6 7.2
WSW	.0	.2	.2	2.0	.0	.3	.0	.1	.0	.3	.0	.0	.0	.0	.3 2.8 9.5
W	.1	.5	.3	2.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.4 3.5 8.1
WNW	.0	.2	.2	2.4	.1	.9	.1	.5	.0	.1	.0	.0	.0	.1	.4 4.2 11.5
NW	.1	.7	.4	4.2	.1	1.1	.1	1.1	.0	.1	.0	.0	.0	.0	.7 7.2 10.4
NNW	.1	.7	.6	5.8	.2	1.8	.2	1.7	.0	.5	.0	.1	.0	.1	1.1 10.6 11.8
CALM	1.4	13.7													1.4 13.7
TOTAL	2.0	19.3	5.6	54.3	1.3	12.4	1.0	10.1	.3	2.9	.1	.9	.0	.1	10.2 100 9.2

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FYV FAYETTEVILLE, AR

CLASS 4 / DAY

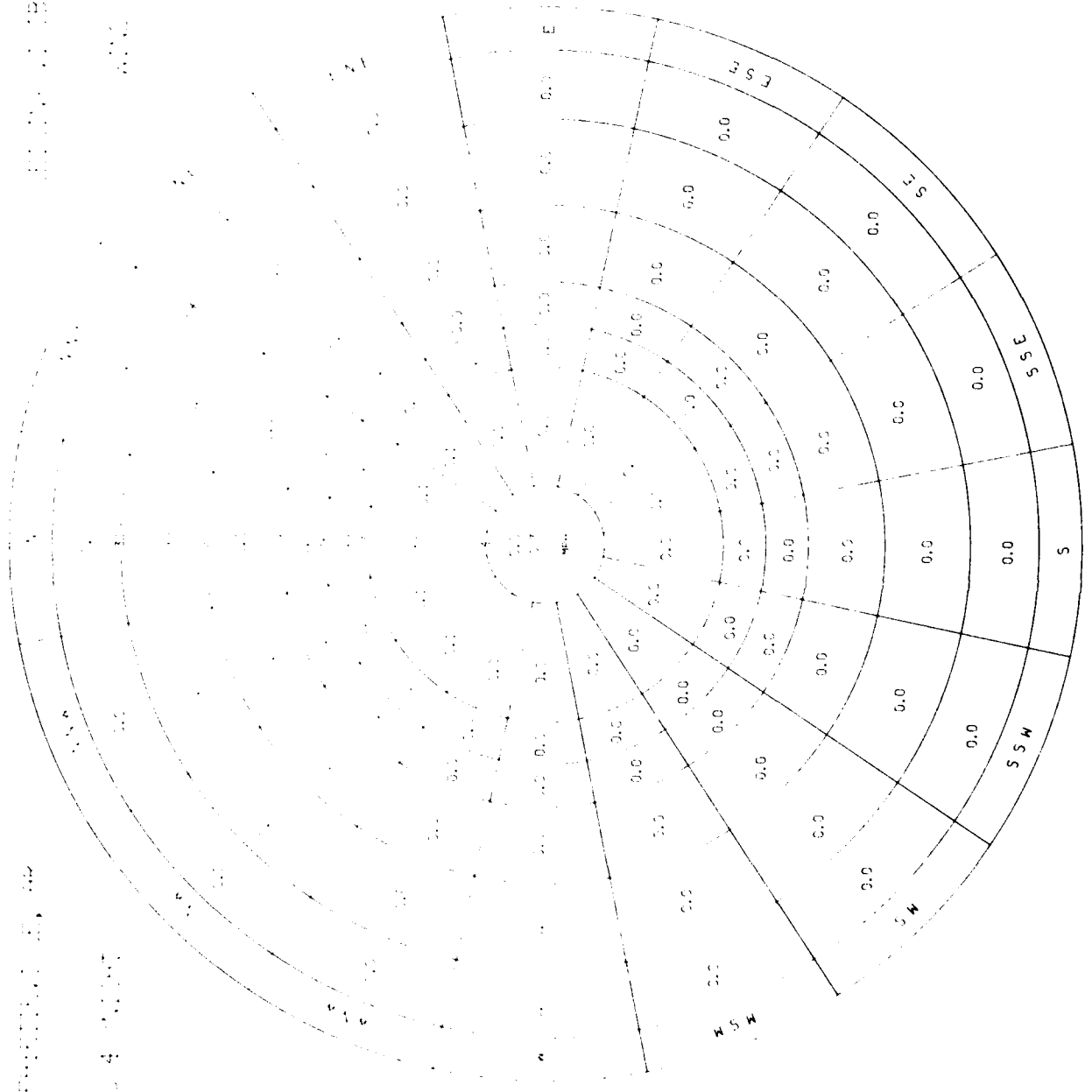
NO. OBS.: 145

STATION NUMBER: 93993

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.1	6.9	.0	.0	.0	1.4	.0	.7	.0	.0	.0	.0	.1 9.0
NNE	.0	.7	.1	8.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.7
NE	.0	.7	.1	6.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.3
ENE	.0	.7	.0	2.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
E	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SE	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
S	.0	.0	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0 1.4
SSW	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0 2.8
SW	.0	.7	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
WSW	.0	.7	.0	1.4	.0	.0	.0	1.4	.0	.7	.0	.0	.0	.0	.0 4.1
W	.0	.7	.0	2.1	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0 4.1
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0 3.4
NW	.0	1.4	.1	6.2	.0	2.8	.0	2.1	.0	.0	.0	.0	.0	.0	.1 12.4
NNW	.0	.0	.1	10.3	.0	2.1	.0	2.1	.0	.7	.0	.7	.0	.0	.1 15.9
CALM	.2	21.4													.2 21.4
TOTAL	.2	28.3	.4	49.0	.1	10.3	.1	8.3	.0	3.4	.0	.7	.0	.0	.8 100
															8.0

RELATIVE HUMIDITY

WIND SPEED



STATION 1, 100

CLASS 4, 100

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FORT MONROE, DELAWARE

CLASS: 4 / NIGHT

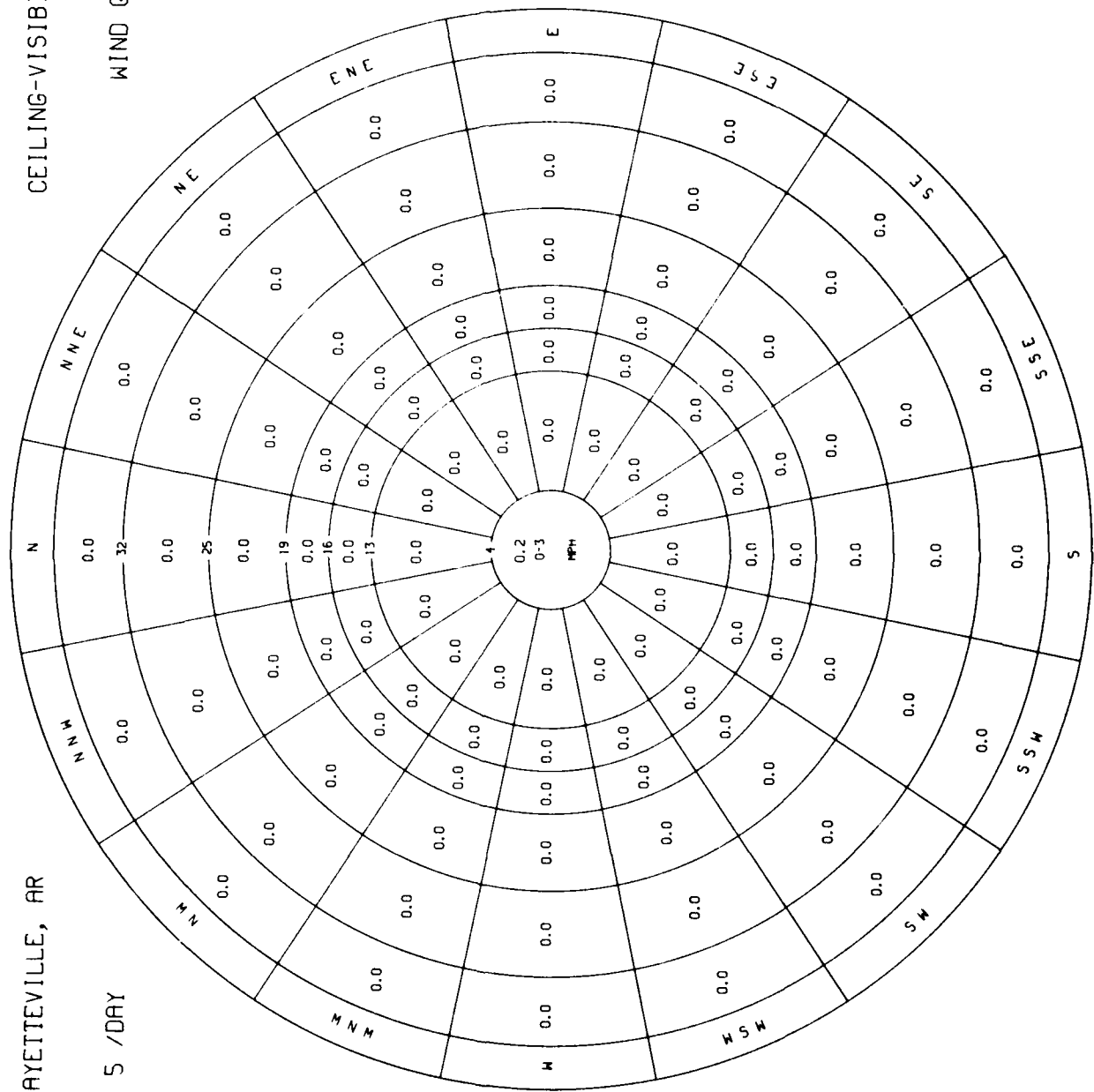
NO. OBS.: 162

STATION NUMBER: 9499

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.2	.0	3.7	.0	1.2	.0	1.9	.0	.0	.0	.0	.0	.0	.1 8.0
NNE	.0	.6	.1	5.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.6
NNE	.0	1.2	.1	6.3	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.1 9.3
ENE	.0	.0	.0	1.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
S	.0	1.2	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
SSW	.0	.6	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
SW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
W	.0	.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
WNW	.0	.6	.0	1.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
NW	.0	.6	.1	4.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.2
NNW	.0	2.5	.1	9.3	.0	1.2	.0	.6	.0	.6	.0	.0	.0	.0	.2 14.2
CALM	.4	34.6													.4 34.6
TOTAL	.5	45.1	.5	42.0	.1	9.3	.0	3.1	.0	.6	.0	.0	.0	.0	1.1 100
															5.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FYV FAYETTEVILLE, AR

PERIOD: 1950-1978

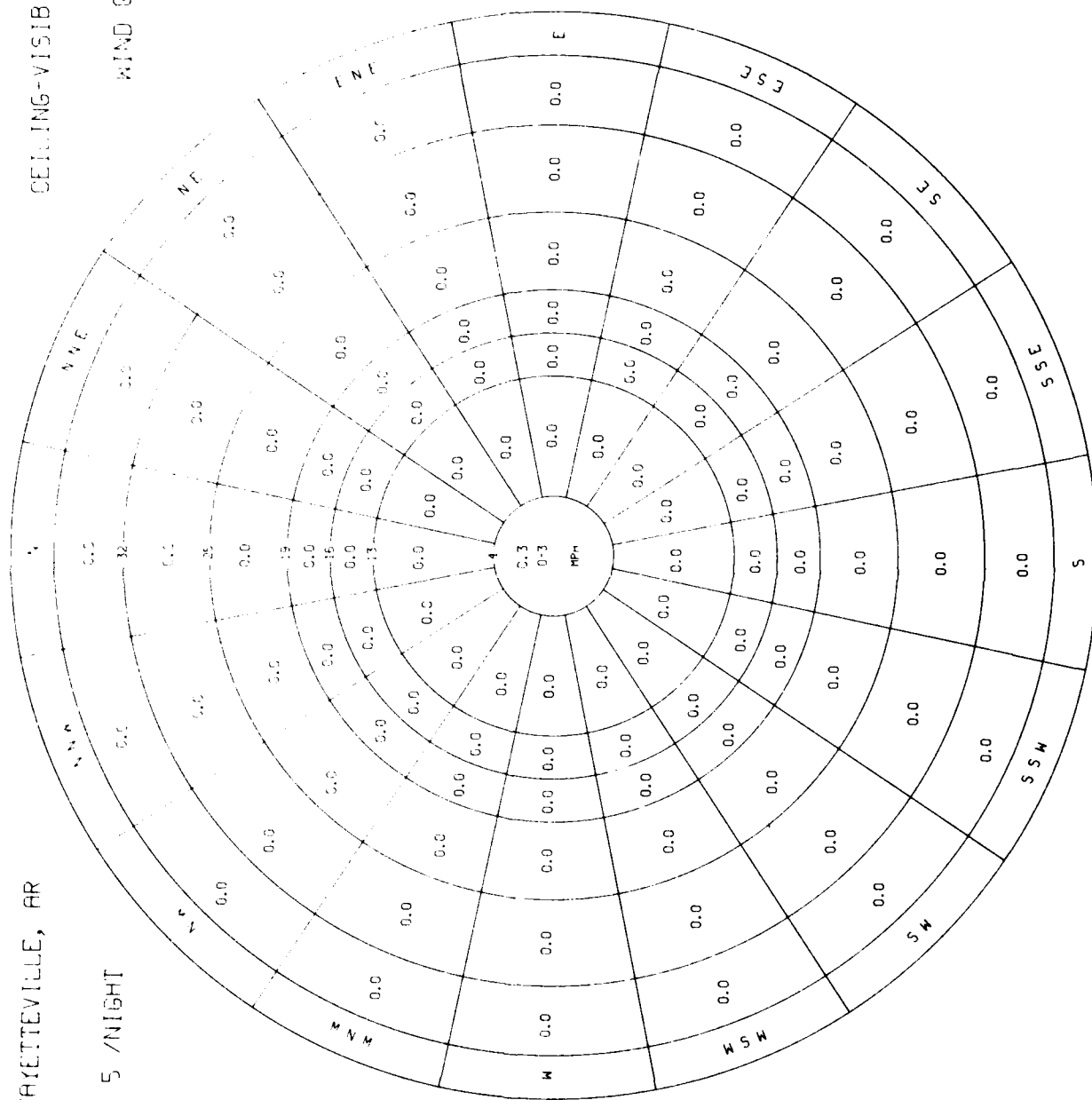
CLASS 5 / DAY

STATION NUMBER: 93993

NO. OBS.: 53

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.0	.0	1.9	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	3.8				
NNE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9				
NE	.0	3.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7				
ENE	.0	1.9	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7				
E	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9				
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
S	.0	3.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7				
SSW	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8				
SW	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9				
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
W	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8				
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
NW	.0	.0	.0	3.8	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	5.7				
NNW	.0	.0	.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5				
CALM	.2	52.8												.2	52.8				
TOTAL	.2	64.2	.1	32.1	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.3	100				

FYV FAYETTEVILLE, AR
 CLASS 5 / NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FIV FAYETTEVILLE, AR

PERIOD: 1950-1978

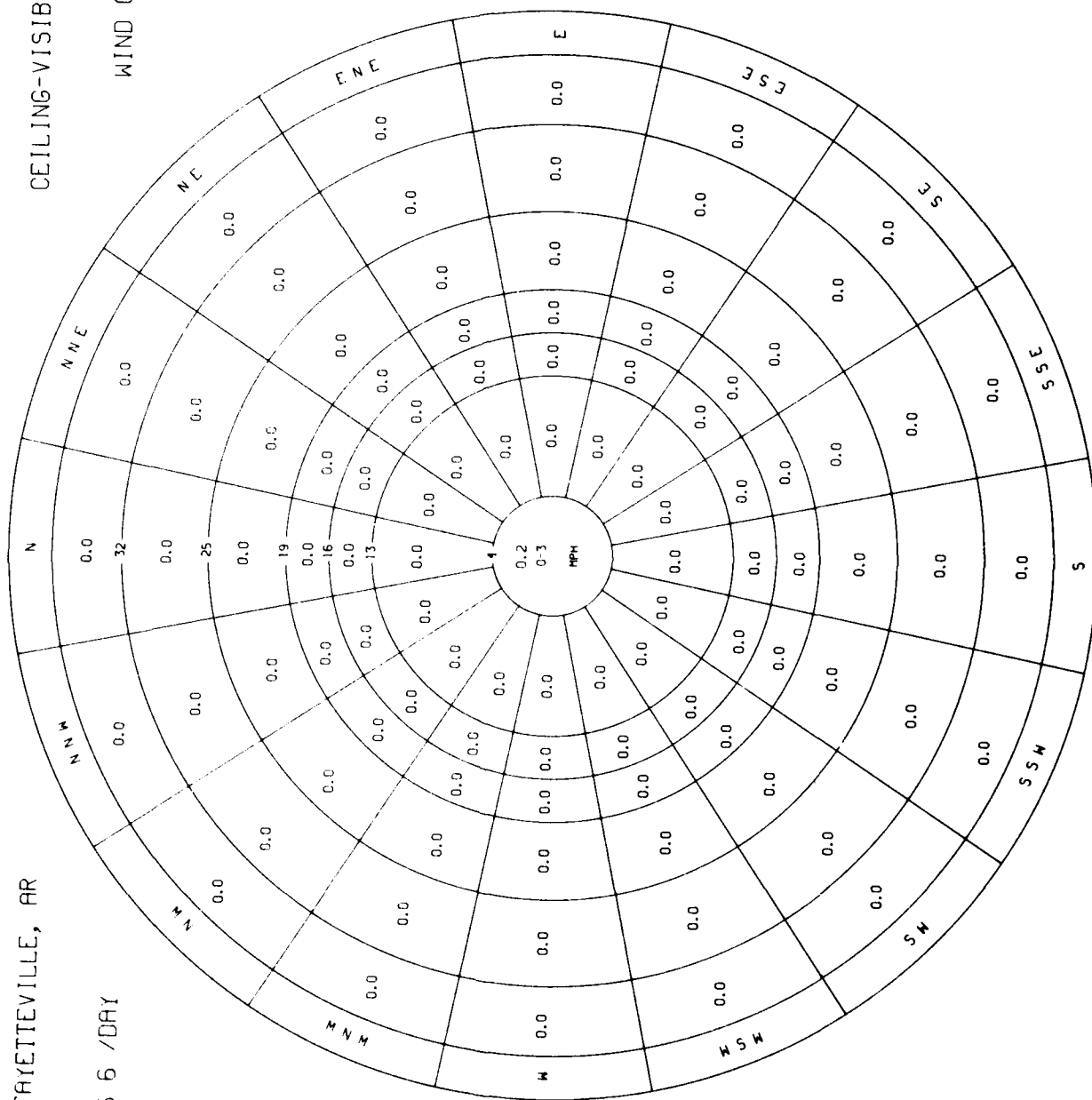
CLASS: DAY / NIGHT

STATION NUMBER: 93993

NO. OBS.: 61

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
NNE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
NNE	.0	1.6	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	3.3
ENE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
SSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
W	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	4.9	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	6.6
NNW	.0	.0	.0	1.6	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	4.9
CALM	.3	63.9													63.9
TOTAL	.3	70.5	.1	23.0	.0	1.6	.0	4.9	.0	.0	.0	.0	.0	.0	100

FYV FAYETTEVILLE, AR
 CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FYV FAYETTEVILLE, AR

PERIOD: 1950-1978

CLASS 6 / DAY

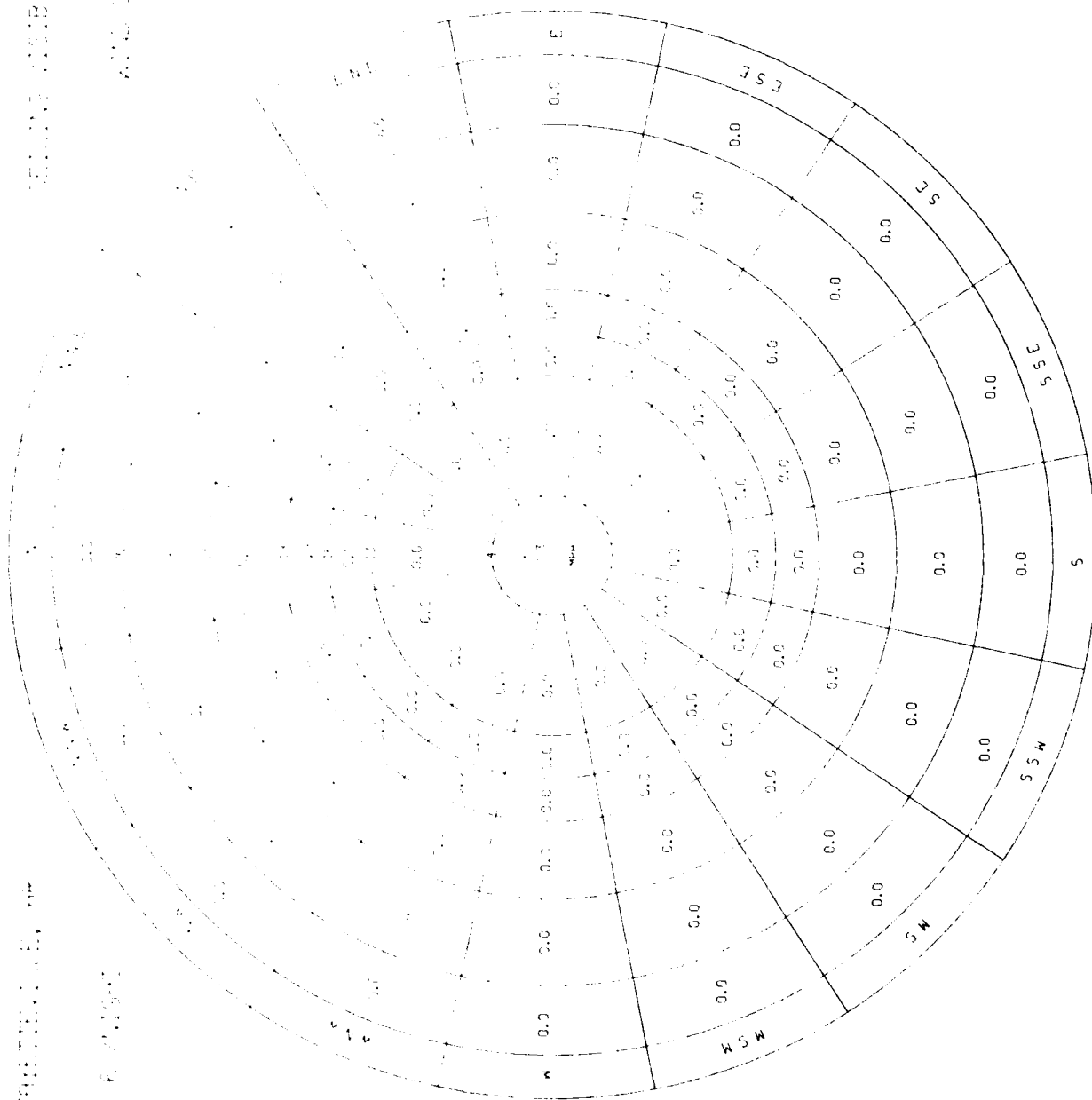
STATION NUMBER: 93993

NO. OBS.: 50

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
NE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
ENE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
E	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
SSE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
S	.0	4.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
SSW	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0
CALM	.2	72.0													2 72.0
TOTAL	.2	86.0	.0	14.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3

RELATIVE VISIBILITY

AND GRAPH



RELATIVE VISIBILITY, IN

RELATIVE VISIBILITY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FRY FARETTEVILLE, AR

CLASS 6 / NIGHT

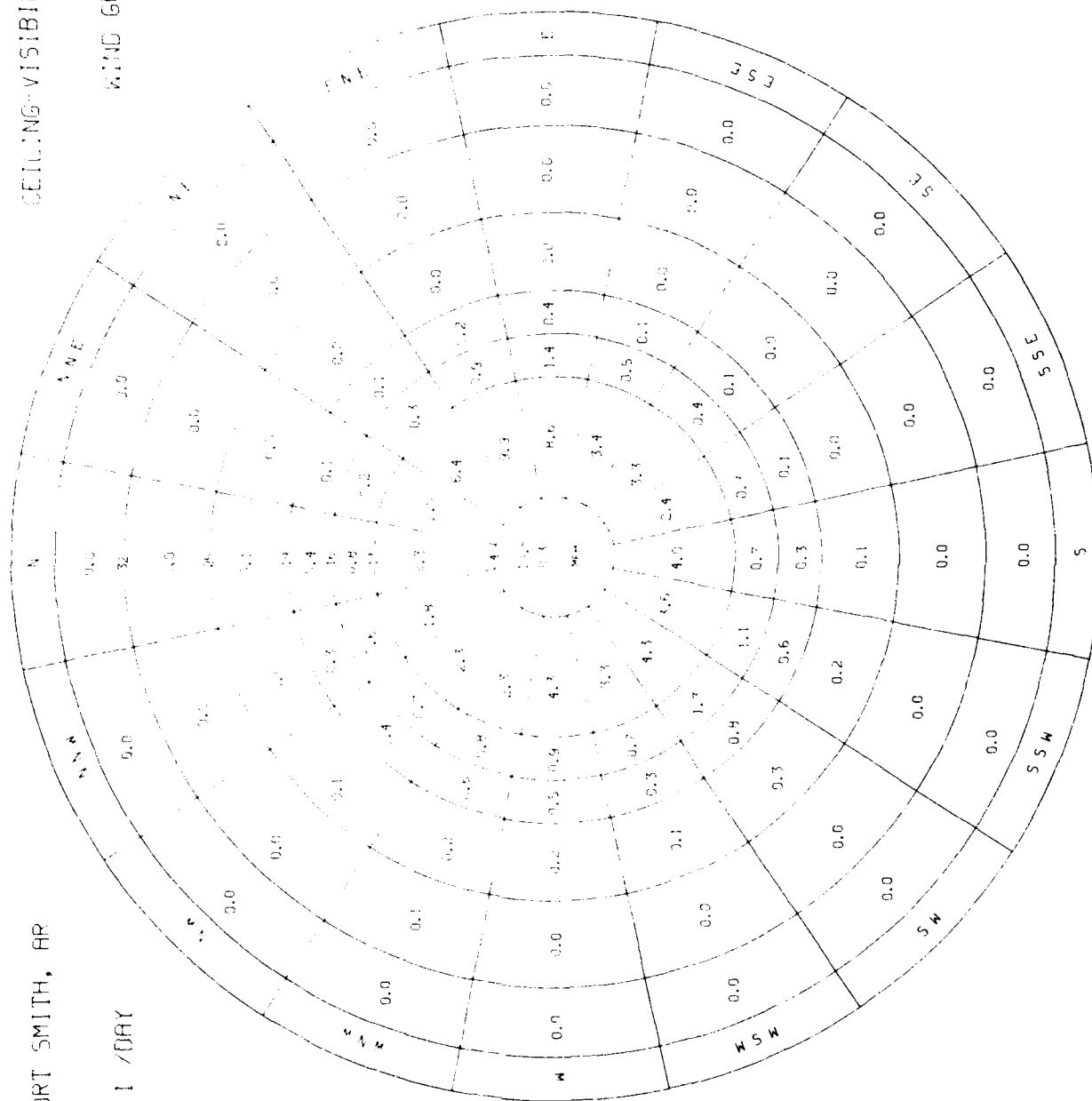
NO. OBS.: 84

STATION NUMBER: 11093

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.0
ENE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
S	.0	2.4	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	4.8
SSW	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
SW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	2.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.0
NNW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.5
CALM	.4	75.0													.4	75.0	
TOTAL	.5	84.5	.1	15.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	100	1.3

CEILING-VISIBILITY WIND GRAPH

FSM FORT SMITH, AR
CLASS 1 /DAY



PRECEDING PAGE BLANK-NOT FILMED

ANNUAL

STATION NAME: FEM FORT SMITH, AR

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 13964

NO. OBS.: 44238

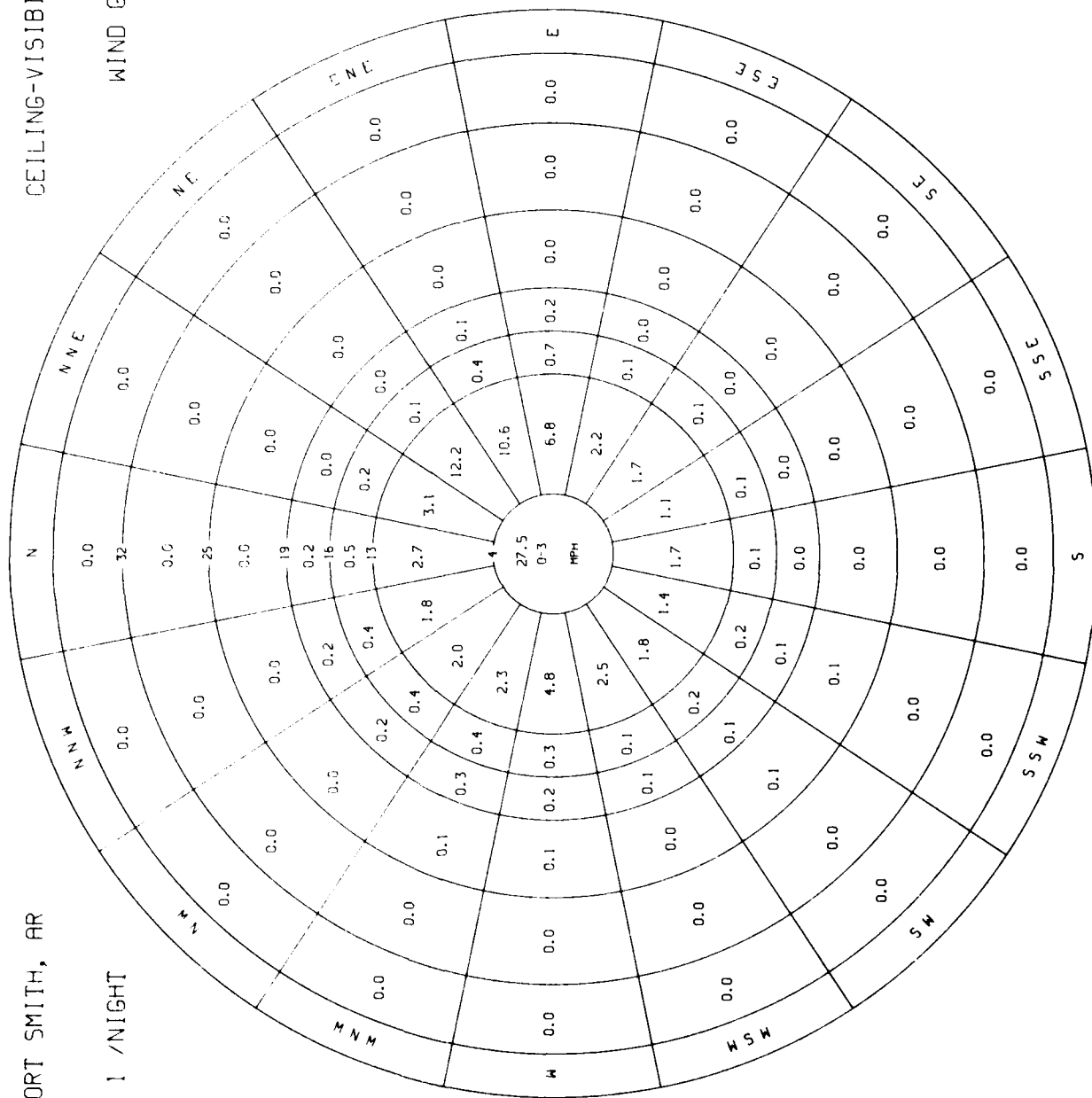
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.3	2.3	2.5	.8	.8	.4	.4	.1	.1	.0	.0	.0	.0	3.8	4.1	10.1
NNE	.4	.4	2.0	2.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	2.9	8.0
NE	1.2	1.3	6.4	6.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	8.0	8.5	6.8
ENE	.9	1.0	9.9	10.6	.9	1.0	.2	.2	.0	.0	.0	.0	.0	.0	12.0	12.9	8.0
E	.9	1.0	8.6	9.3	1.4	1.5	.4	.5	.0	.0	.0	.0	.0	.0	11.4	12.3	8.7
ESE	.4	.4	3.4	3.7	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	4.4	4.7	8.4
SE	.5	.5	3.3	3.5	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.3	4.6	8.2
SSE	.3	.3	2.4	2.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.3	8.4
S	.5	.5	4.0	4.3	.7	.7	.3	.3	.1	.1	.0	.0	.0	.0	5.1	5.9	8.9
SSW	.3	.3	3.6	3.8	1.1	1.2	.6	.7	.2	.2	.0	.0	.0	.0	5.9	6.3	10.8
SW	.4	.5	4.3	4.6	1.3	1.4	.8	.9	.3	.3	.0	.0	.0	.0	7.2	7.7	10.7
WSW	.3	.3	3.3	3.5	.7	.7	.3	.3	.1	.1	.0	.0	.0	.0	4.7	5.0	9.5
W	.4	.5	4.3	4.6	.9	.9	.5	.6	.2	.2	.0	.0	.0	.0	6.3	6.8	9.9
WNW	.2	.3	2.3	2.5	.8	.8	.6	.7	.2	.2	.1	.1	.0	.0	4.3	4.6	11.3
NW	.2	.3	2.3	2.5	.7	.8	.4	.4	.1	.1	.0	.0	.0	.0	3.8	4.1	10.4
NNW	.2	.2	1.8	1.9	.6	.7	.3	.3	.0	.0	.0	.0	.0	.0	2.9	3.1	10.4
CALM	3.0	3.2													3.0	3.2	
TOTAL	10.5	11.2	64.2	68.9	11.6	12.5	5.2	5.6	1.4	1.5	.2	.3	.0	.0	93.2	100	8.8

CEILING-VISIBILITY

WIND GRAPH

FSM FORT SMITH, AR

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FSM FORT SMITH, AR

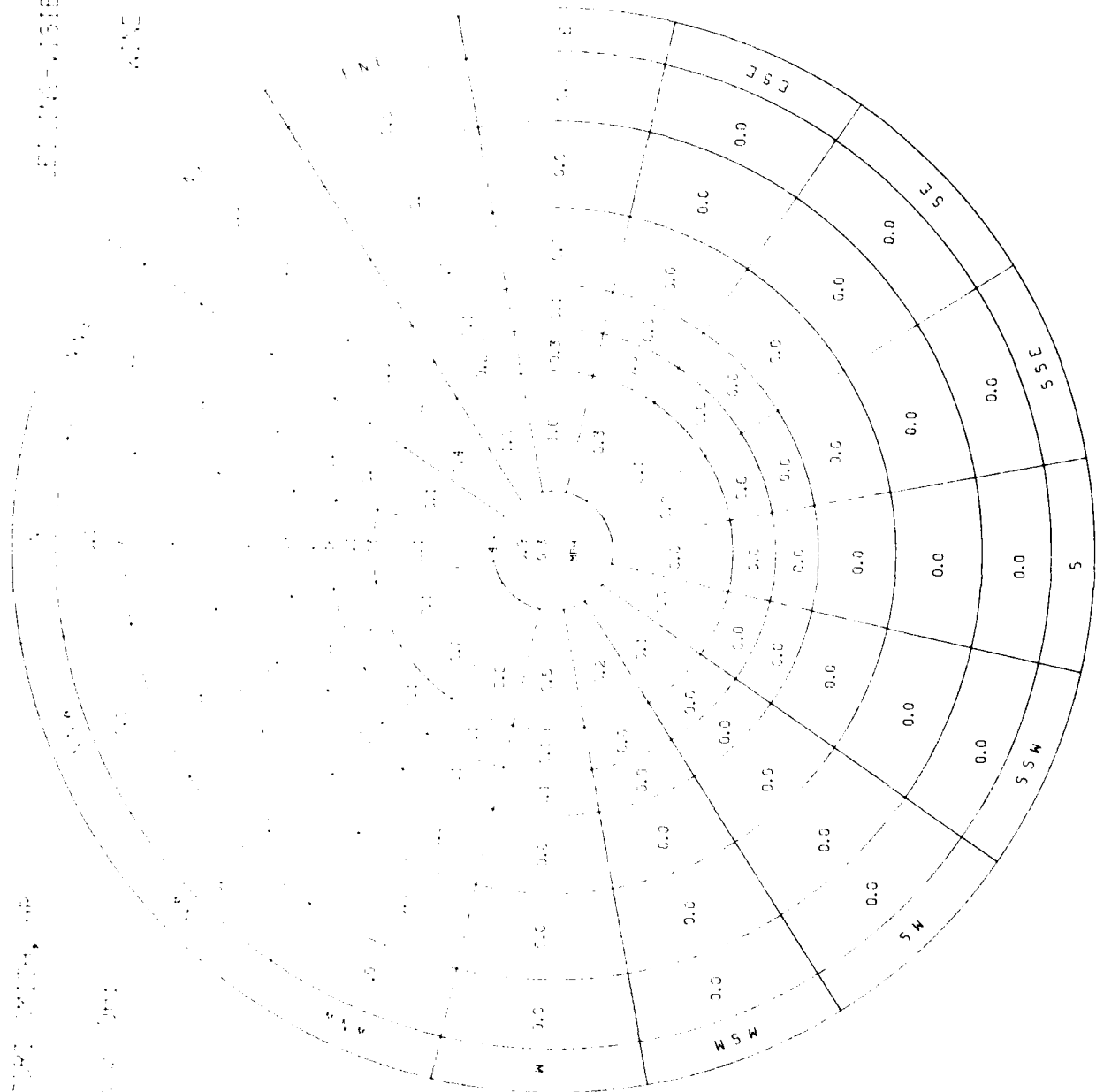
CLASS 1 / NIGHT

NO. OBS.: 37326

STATION NUMBER: 13964

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.5	.6	2.7	2.9	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	4.0 4.3 8.7
NNE	1.0	1.1	3.1	3.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.4 4.7 6.3
N E	3.6	3.9	12.2	13.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	16.0 17.2 5.7
ENE	2.6	2.8	10.6	11.4	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	13.7 14.7 6.4
E	1.7	1.8	6.8	7.4	.7	.7	.2	.2	.0	.0	.0	.0	.0	.0	9.4 10.2 7.4
ESE	.6	.7	2.2	2.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.0 3.3 6.5
SE	.7	.8	1.7	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5 2.7 5.9
SSE	.4	.4	1.1	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5 1.7 6.1
S	.7	.7	1.7	1.9	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.6 2.8 6.5
SSW	.4	.5	1.4	1.5	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.2 2.4 8.4
SW	.9	1.0	1.8	1.9	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.0 3.3 6.9
WSW	.8	.9	2.5	2.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.5 3.8 6.3
W	.9	1.0	4.8	5.1	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	6.3 6.8 7.5
WNW	.3	.3	2.3	2.5	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	3.4 3.7 9.7
NW	.3	.3	2.0	2.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	2.9 3.1 9.3
NNW	.2	.2	1.8	1.9	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	2.6 2.8 9.5
CALM	11.8	12.7													11.8 12.7
TOTAL	27.5	29.6	58.7	63.1	4.2	4.5	1.9	2.0	.6	.6	.1	.1	.0	.0	92.9 100 6.1

FROM FIVE WITH, AND
 CLOUDS, IN
 RAIN-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

CLASS 2 / 14

NO. OBS.: 3249

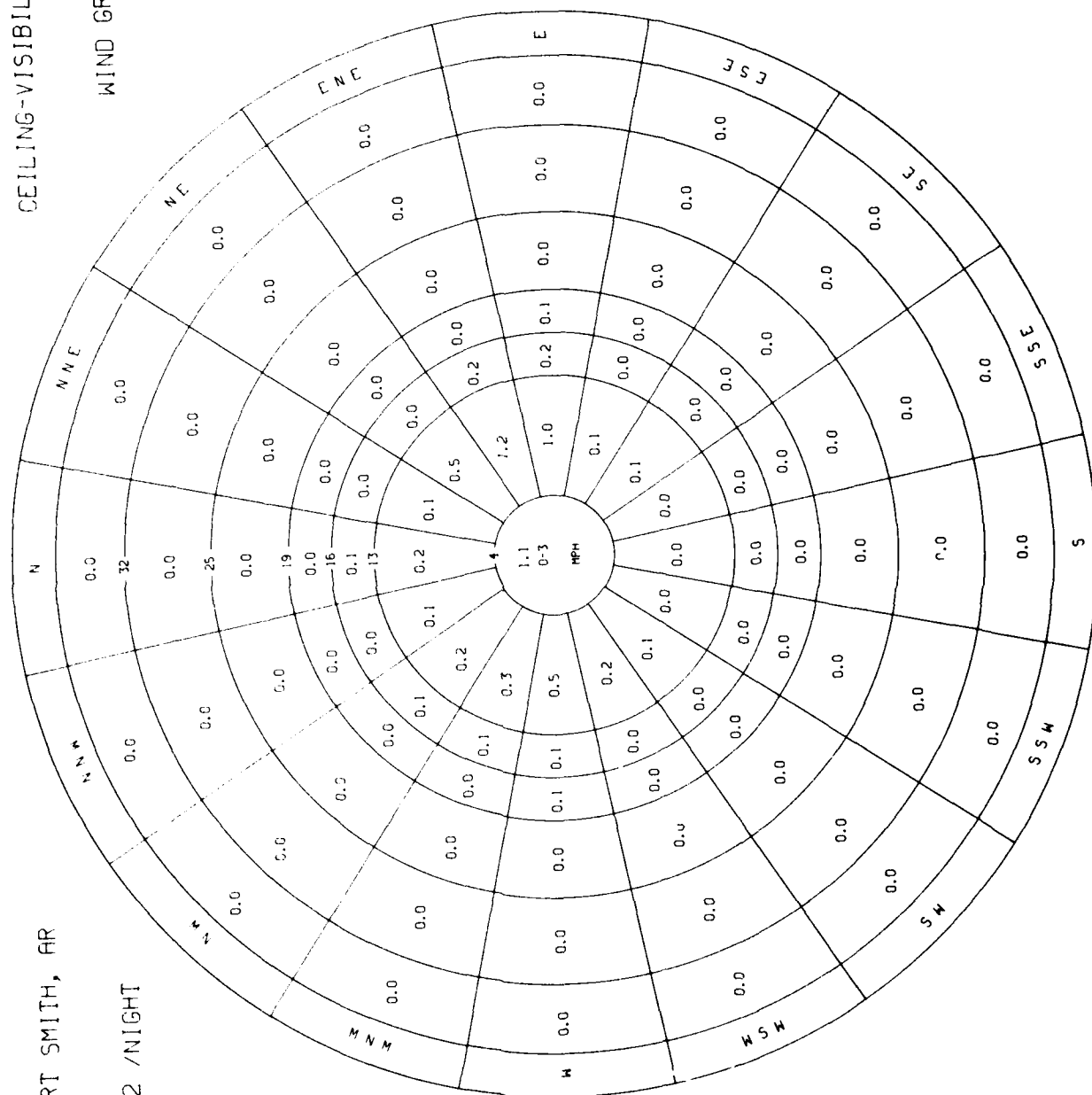
STATION NAME: W. F. W. W. W. W. W.

STATION NUMBER: 1949

D I P	SPEED GROUPS (MPH)																					AVG WIND SPEED		
	0-3			4-12			13-15			16-18			19-24			25-31			32+				TOTAL	
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C			D
N	.0	.4		.1	.1		.1	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.3	9.6
NNE	.0	.4		.1	1.3		.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.6	8.0
NE	.1	1.3		.4	5.4		.0	.5	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.4	7.2
ENE	.1	1.2		1.0	15.1		.2	2.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	19.3	8.9
E	.1	1.3		1.0	4.7		.3	.4	.1	.1	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.5	21.5	9.8
ESE	.1	.8		.3	3.8		.0	.6	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.4	8.3
SE	.0	.2		.1	1.0		.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	7.2
SSE	.0	.2		.0	.5		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	5.9
S	.0	.6		.0	.6		.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	6.1
SSW	.0	.2		.0	.4		.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.3
SW	.0	.5		.1	1.1		.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	6.9
WSW	.0	.5		.2	3.5		.0	.5	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.9	5.8
W	.0	.6		.5	7.1		.1	1.7	.1	1.1	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	11.1	12.7
WNW	.0	.2		.2	3.4		.1	1.4	.1	1.1	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	6.6	11.7
NW	.0	.1		.2	3.1		.1	1.1	.0	.5	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0	10.9
NNW	.0	.2		.1	1.5		.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	10.1
CALM	.3	4.5																				.3	4.5	
TOTAL	.9	13.1		4.5	65.1		1.0	14.2		.4	6.0	.1	1.5	.0	.2	.0	.1	.1	.0	.1	.1	6.8	100	8.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FCM FORT SMITH, AR

CLASS 2 / NIGHT

NO. OBS.: 2838

STATION NUMBER: 13964

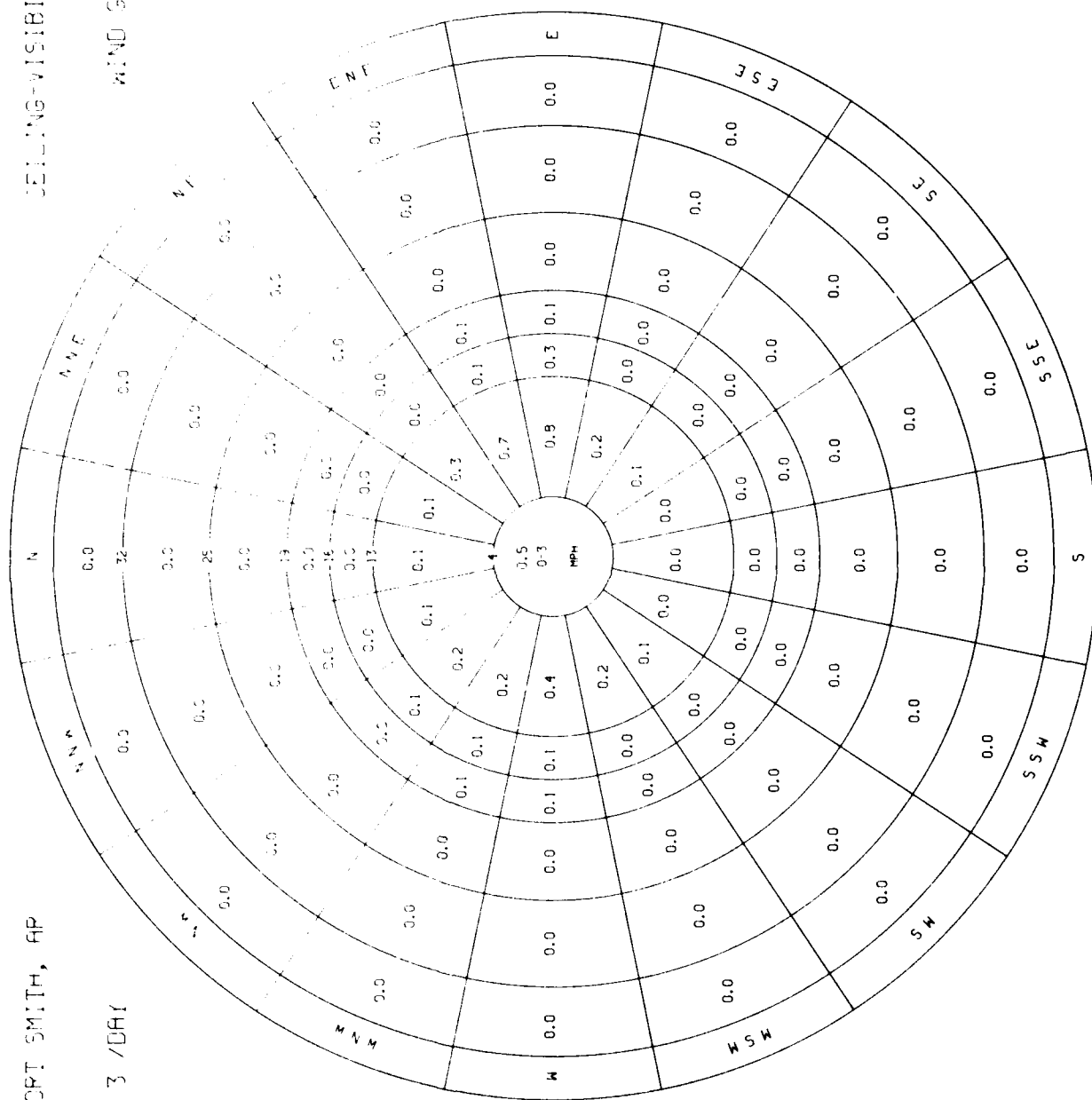
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.2	2.9	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.3 4.2
NNE	.0	.5	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.3
NE	.1	1.6	.5	6.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6 8.2
ENE	.1	1.4	1.2	17.0	.2	2.1	.0	.7	.0	.0	.0	.0	.0	.0	1.5 21.2
E	.1	1.3	1.0	14.0	.2	3.4	.1	.8	.0	.1	.0	.0	.0	.0	1.4 19.7
ESE	.0	.3	.1	1.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.4
SE	.0	.4	.1	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.3
SSE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
S	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
SSW	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
SW	.0	.4	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.3
WSW	.0	.5	.2	3.2	.0	.7	.0	.5	.0	.1	.0	.0	.0	.0	.4 5.0
W	.0	.6	.5	6.8	.1	1.9	.1	1.3	.0	.4	.0	.0	.0	.0	.8 11.0
WNW	.0	.4	.3	4.6	.1	1.7	.0	.7	.0	.4	.0	.1	.0	.0	.6 7.8
NW	.0	.3	.2	2.7	.1	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.3 4.7
NNW	.0	.1	.1	1.7	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.2 2.5
CALM	.5	6.7													.5 6.7
TOTAL	1.1	15.7	4.6	65.0	.9	13.1	.3	4.9	.1	1.1	.0	.2	.0	.0	7.1 100
															8.5

CEILING-VISIBILITY

WIND GRAPH

FSM FORT SMITH, AP

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FSN FORT SMITH, AR

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 13964

NO. OBS.: 2531

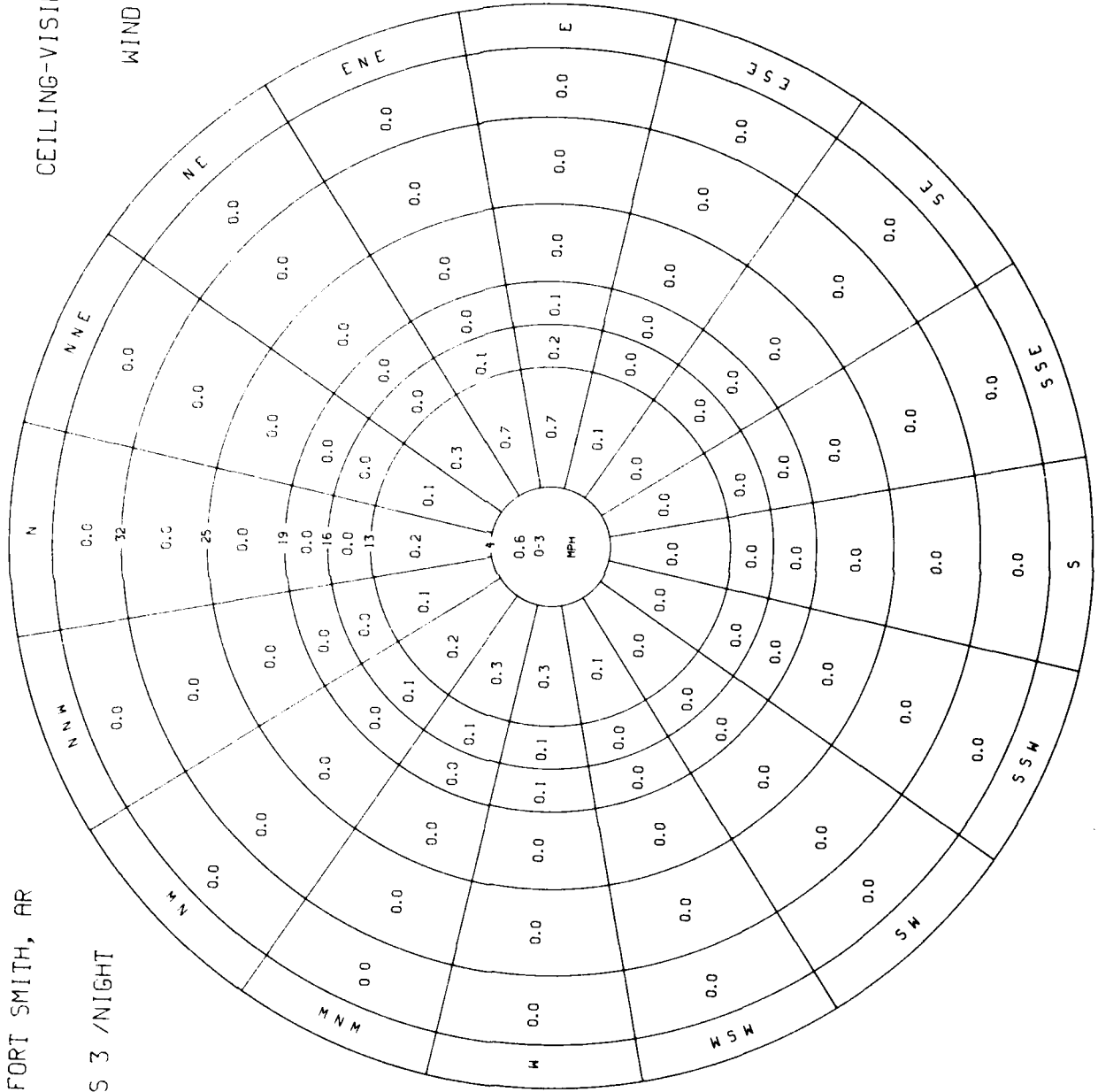
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.5	.1	2.1	.0	.8	.0	.2	.0	.1	.0	.0	.0	.0	.2	3.6	9.3
NNE	.0	.5	.1	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	3.1	8.0
NE	.1	1.1	.3	4.9	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.4	6.7	7.5
ENE	.0	.9	.7	13.3	.1	2.5	.1	1.0	.0	.0	.0	.0	.0	.0	.9	17.7	9.4
E	.1	.9	.8	14.7	.3	4.8	.1	1.5	.0	.2	.0	.0	.0	.0	1.2	22.2	10.2
ESE	.0	.5	.2	4.2	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.3	5.8	8.8
SE	.0	.2	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	7.4
SSE	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.3
S	.0	.7	.0	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.5	5.6
SSW	.0	.1	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.9
SW	.0	.2	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	7.6
WSW	.0	.6	.2	3.1	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.2	4.4	8.8
W	.0	.5	.4	6.6	.1	2.0	.1	1.3	.0	.7	.0	.1	.0	.0	.6	11.3	11.3
WNW	.0	.3	.2	4.0	.1	1.6	.1	1.3	.0	.4	.0	.1	.0	.0	.4	7.8	11.8
NW	.0	.1	.2	3.9	.1	1.3	.0	.6	.0	.1	.0	.0	.0	.0	.3	6.1	11.0
NNW	.0	.1	.1	1.7	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.1	2.8	10.3
CALM	.1	2.4													.1	2.4	
TOTAL	.5	9.8	3.5	64.8	.9	16.0	.4	7.2	.1	1.9	.0	.2	.0	.0	5.3	100	9.5

FSM FORT SMITH, AR

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FSM FORT SMITH, AR

CLASS 3 / NIGHT

NO. OBS.: 1934

STATION NUMBER: 13964

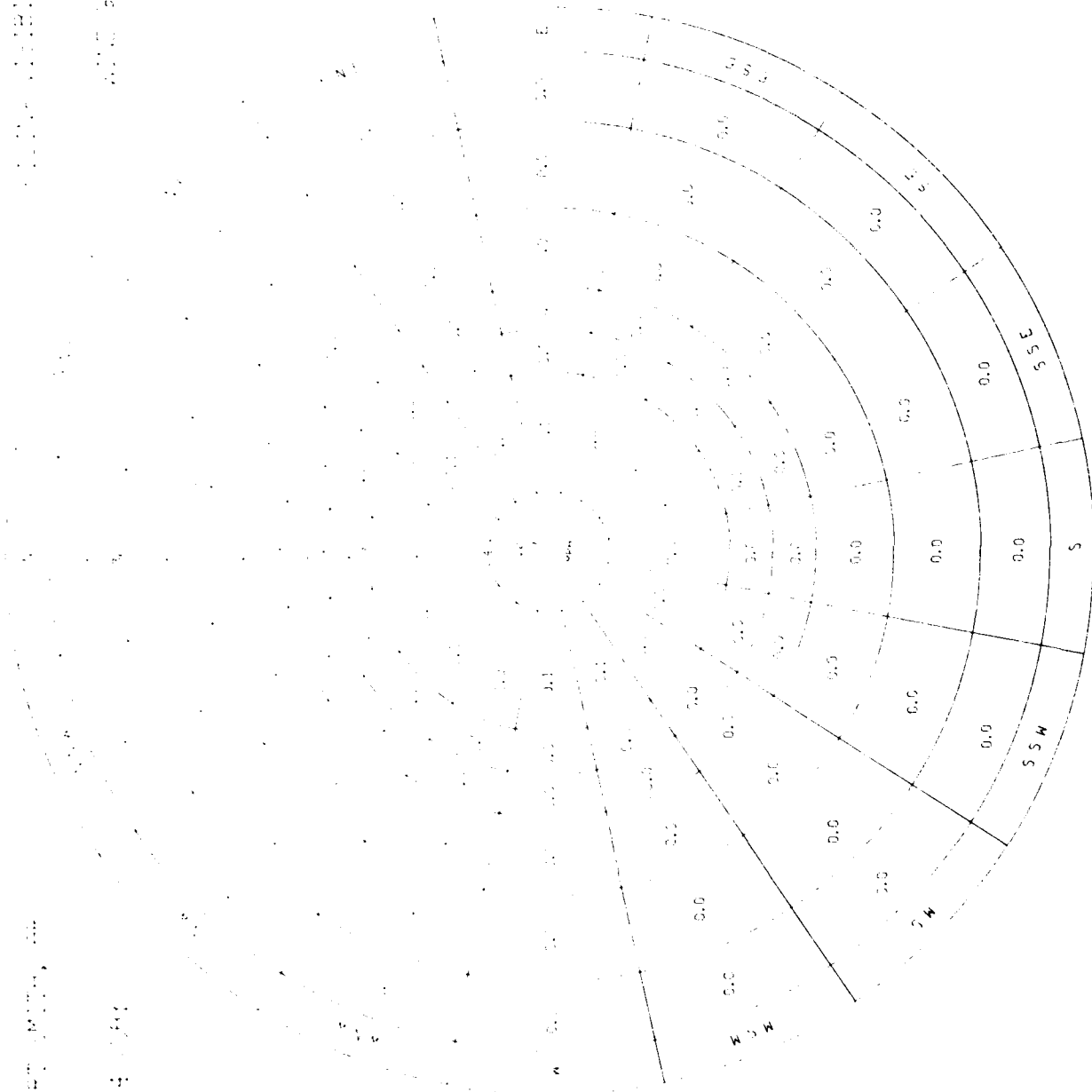
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.2	3.5	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.2 5.1
NNE	.0	.3	.1	1.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.2
NE	.0	.9	.3	5.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 6.6
ENE	.0	.8	.7	13.9	.1	2.6	.0	.9	.0	.0	.0	.0	.0	.0	.9 18.2
E	.0	1.0	.7	14.6	.2	3.9	.1	1.1	.0	.2	.0	.0	.0	.0	1.0 20.8
ESE	.0	.3	.1	1.9	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.7
SE	.0	.2	.0	.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1 1.2
SSE	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
S	.0	.3	.0	.3	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0 .7
SSW	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
SW	.0	.4	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
WSW	.0	.3	.1	2.6	.0	.8	.0	.5	.0	.1	.0	.0	.0	.0	.2 4.3
W	.0	.7	.3	6.6	.1	2.3	.1	1.6	.0	.5	.0	.0	.0	.0	.6 11.6
WNW	.0	.5	.3	5.8	.1	2.4	.0	1.0	.0	.5	.0	.1	.0	.1	.5 10.3
NW	.0	.3	.2	3.6	.1	1.9	.0	.3	.0	.1	.0	.0	.0	.0	.3 6.2
NNW	.0	.2	.1	2.3	.0	.5	.0	.4	.0	.0	.0	.1	.0	.0	.2 3.4
CALM	.2	4.5													.2 4.5
TOTAL	.6	11.7	3.1	64.2	.8	16.1	.3	6.3	.1	1.5	.0	.2	.0	.1	4.8 100
															9.3

STATION: 101010101

DATE: 10/10/10

TIME: 10:10:10

WIND: 1010101



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FOM FORT MONITOR, AR

CLASS: 4 / 547

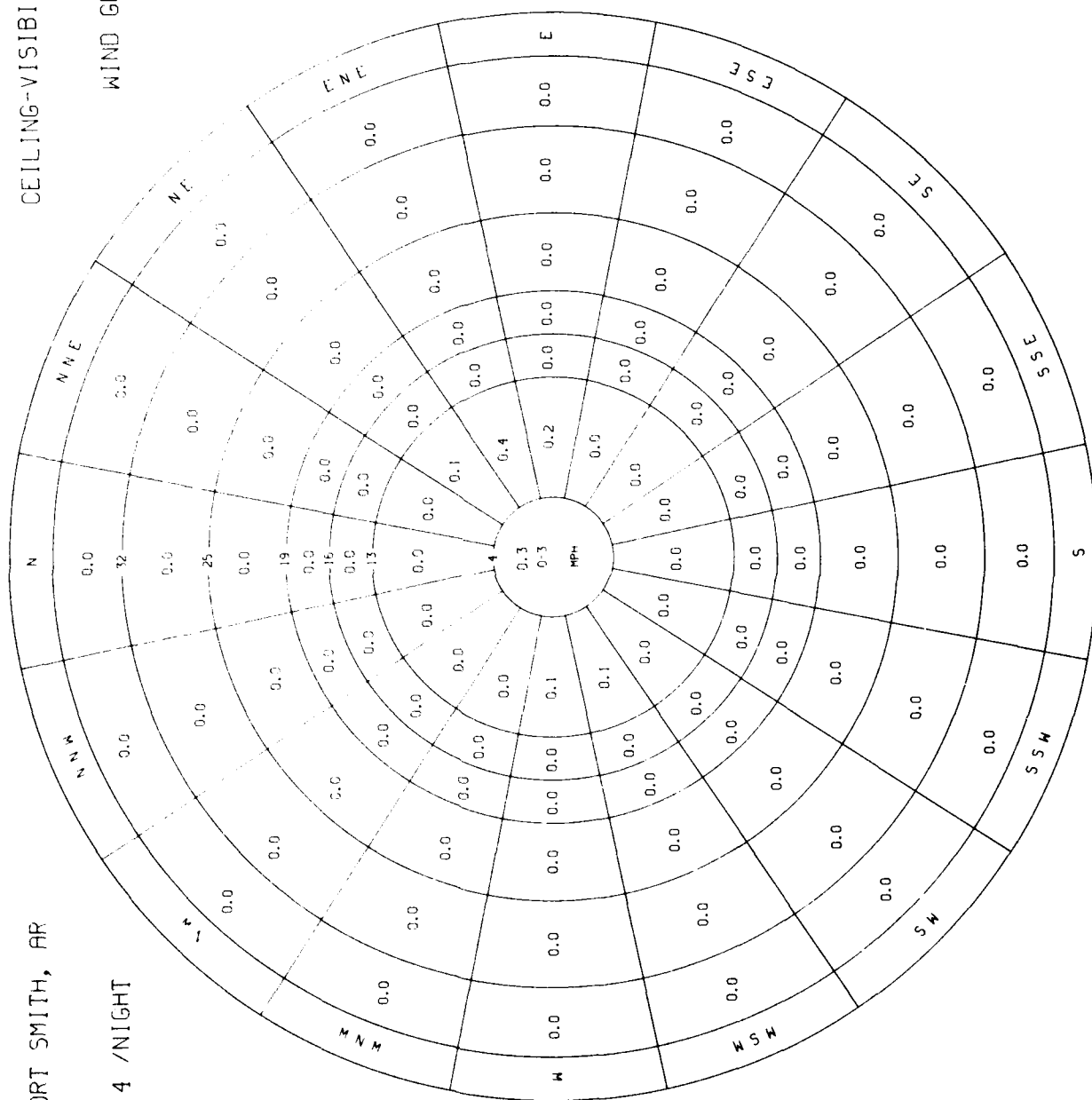
NO. OBS.: 455

STATION NUMBER: 1961

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.2	.0	1.3	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.9	11.1
NNE	.0	.0	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.2
NNE	.0	1.1	.1	6.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.8	7.7
ENE	.0	.9	.2	29.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	22.6	8.3
E	.0	2.4	.1	14.3	.0	2.4	.0	.7	.0	.0	.0	.0	.0	.0	.2	19.8	8.4
ESE	.0	1.1	.0	2.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.6
SE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.5
SSE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
S	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.2
SSW	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.0
SW	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	2.9	6.5
WSW	.0	.2	.1	6.2	.0	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.1	7.9	9.2
W	.0	1.3	.1	9.7	.0	1.1	.0	.4	.0	.2	.0	.0	.0	.0	.1	12.7	8.9
WNW	.0	.4	.0	1.3	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	3.1	10.7
NW	.0	.2	.0	.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.5	8.7
NNW	.0	.4	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.1
CALM	.1	8.6													.1	8.6	
TOTAL	.2	19.1	.6	67.7	.1	10.5	.0	2.2	.0	.4	.0	.0	.0	.0	1.0	100	7.6

CEILING-VISIBILITY

WIND GRAPH



FSM FORT SMITH, AR

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FSM FORT SMITH, AR

CLASS 4 / NIGHT

NO. OBS.: 567

STATION NUMBER: 13964

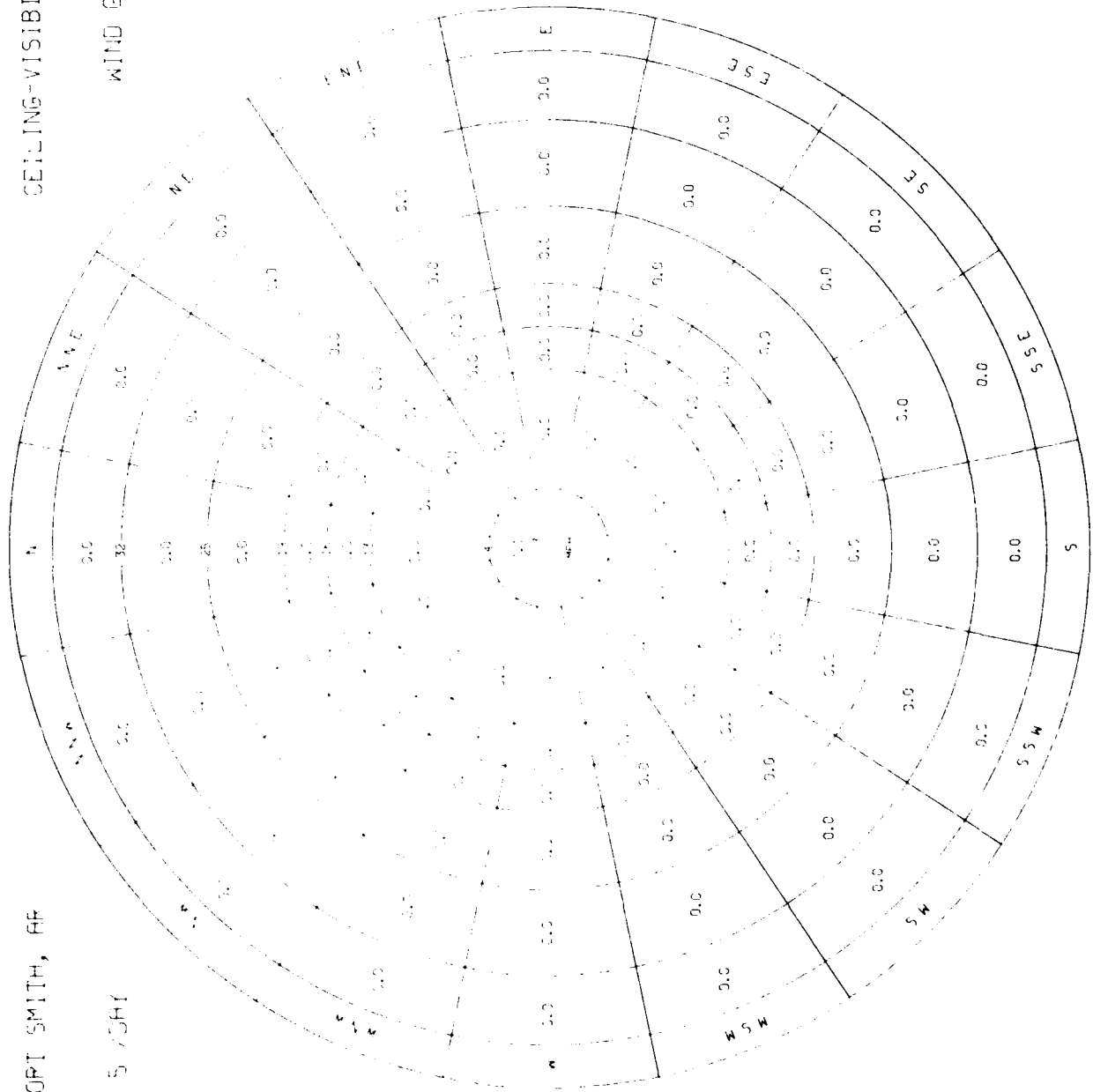
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.0	1.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	2.8
NNE	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
NNE	.0	2.3	.1	7.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	10.6
ENE	.0	2.1	.4	24.9	.0	1.9	.0	.4	.0	.0	.0	.0	.0	.4	29.3
E	.0	2.1	.2	13.9	.0	2.8	.0	.4	.0	.0	.0	.0	.0	.3	19.2
ESE	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
SE	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
SSE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
S	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
SSW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
SW	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
WSW	.0	1.2	.1	4.4	.0	.5	.0	.5	.0	.0	.0	.0	.0	.1	6.7
W	.0	.4	.1	8.1	.0	1.8	.0	1.1	.0	.0	.0	.0	.0	.2	11.3
WNW	.0	.0	.0	2.1	.0	.4	.0	.0	.0	.2	.0	.2	.0	.0	2.8
NW	.0	.4	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	1.9
NNW	.0	.0	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.7
CALM	.1	7.6												.1	7.6
TOTAL	.3	18.5	1.0	69.5	.1	8.6	.0	2.6	.0	.2	.0	.5	.0	.0	100

FSM FORT SMITH, AR

CLASS 5 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FORT SMITH, AR

PERIOD: 1949-1978

CLASS E / DAY

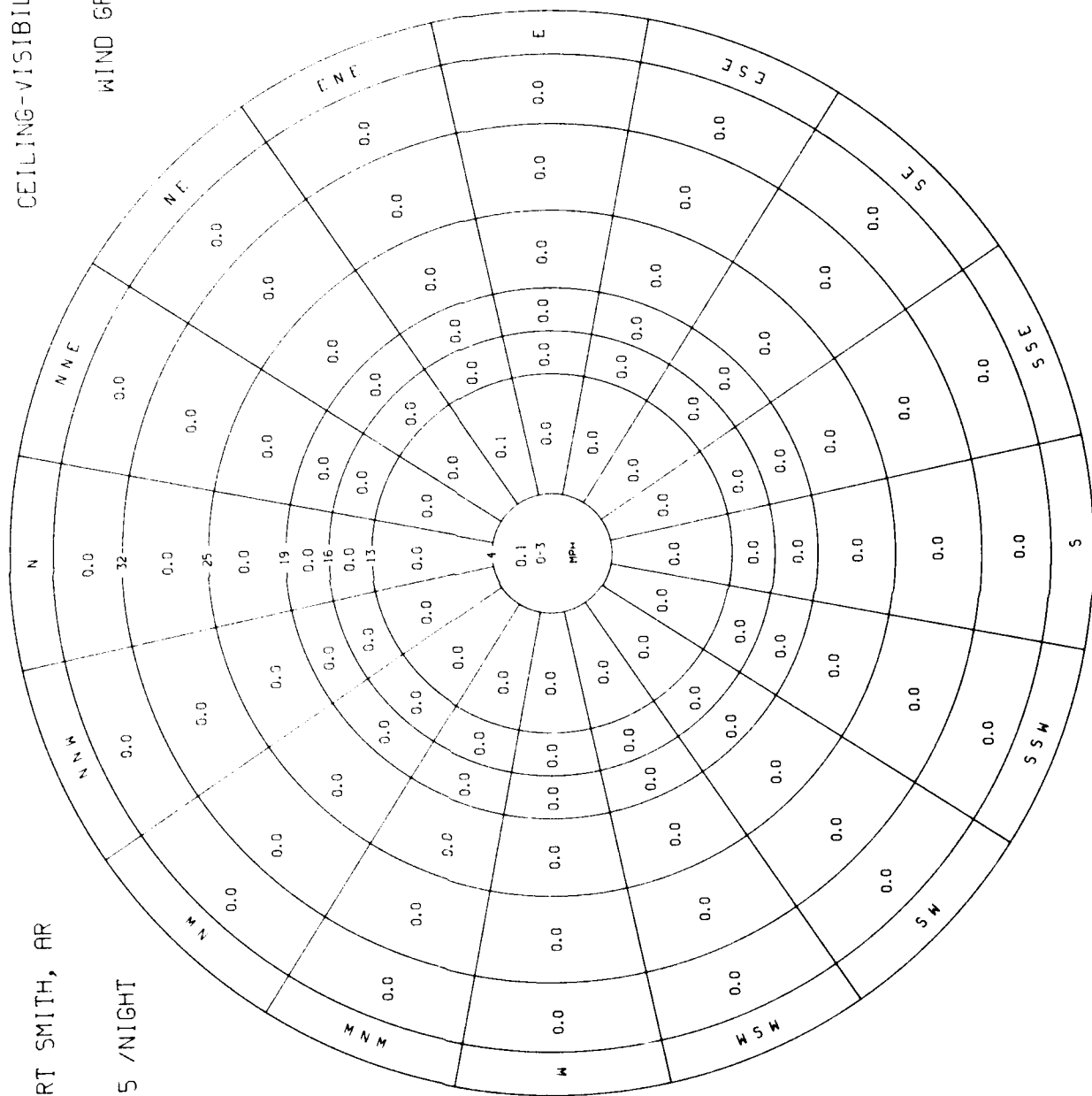
STATION NUMBER: 13964

NO. OBS.: 98

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NE	.0	6.1	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3
ENE	.0	.0	.1	24.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	25.5
E	.0	2.0	.0	18.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	23.5
ESE	.0	4.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
SE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SSE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
W	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
NW	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	16.3													16.3
TOTAL	.1	31.6	.1	63.3	.0	4.1	.0	1.0	.0	.0	.0	.0	.0	.2	100
															5.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FSM FORT SMITH, AR

PERIOD: 1949-1978

CLASS 5 / NIGHT

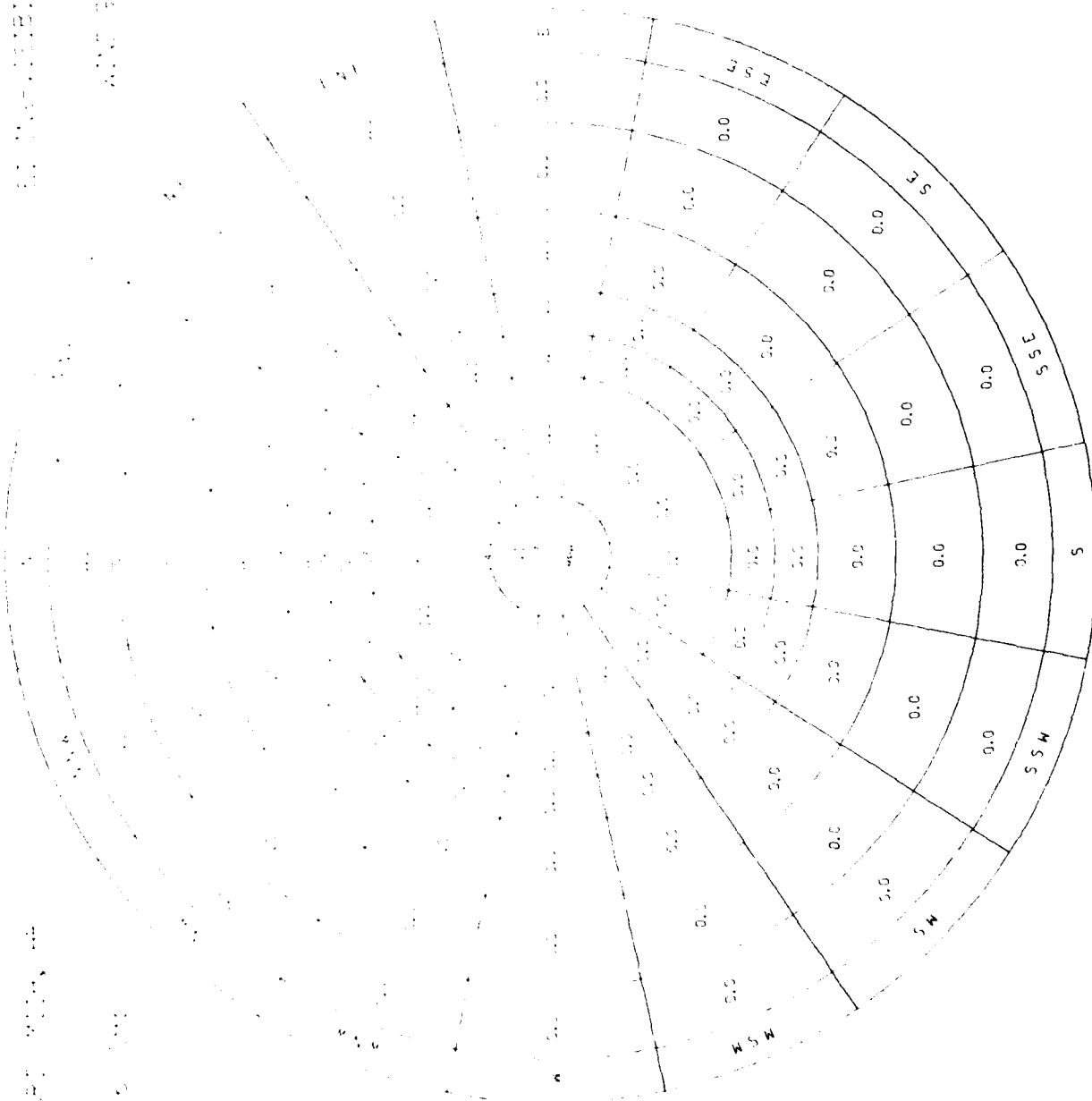
STATION NUMBER: 13964

NO. OBS.: 130

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.0	.0	2.3	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.1	9.0
NNE	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.0
NE	.0	3.8	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.8	5.8
ENE	.0	1.5	.1	20.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	22.3	7.3
E	.0	2.3	.0	15.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	21.5	8.1
ESE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0
SE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.5
SSE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
S	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
WSW	.0	.0	.0	3.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	9.0
W	.0	.8	.0	4.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	8.4
WNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.0
NW	.0	.0	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.5	12.5
NNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	10.0
CALM	.0	13.8														.0	13.8	
TOTAL	.1	26.2	.2	66.2	.0	6.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.3	100	6.3

CONDUCTIVITY

AVE 1968H



LOW POINT VENT, IN

20000 0 1000

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FEM FORT MITCH, AR

PERIOD: 1949-1978

CLASS 6 / DAY

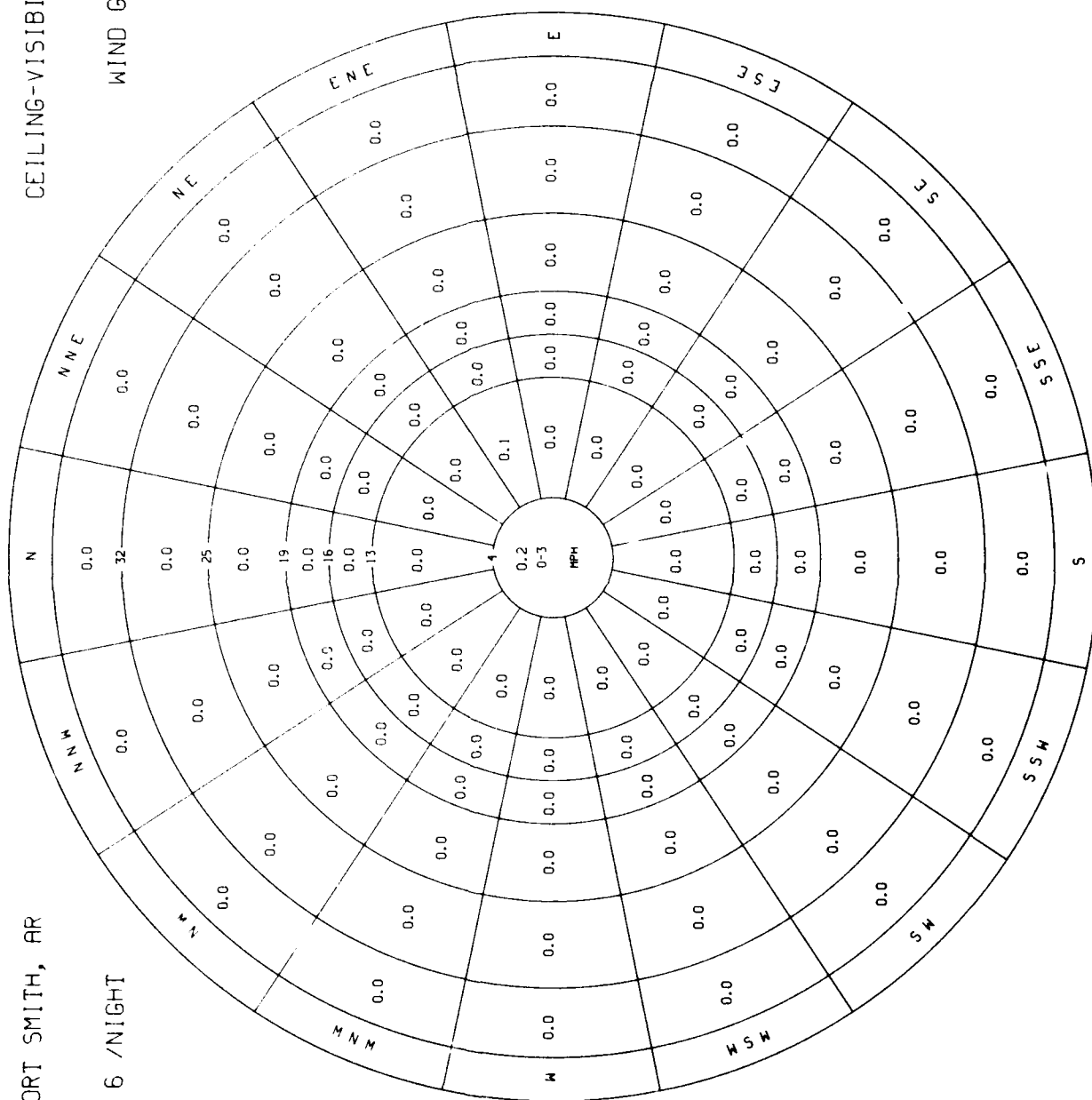
STATION NUMBER: 13564

NO. OBS.: 165

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
NE	.0	2.4	.0	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9
ENE	.0	6.7	.1	23.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.1	30.3
E	.0	2.4	.0	13.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	15.8
ESE	.0	2.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6
SE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
SSE	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
SSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
SW	.0	1.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
WSW	.0	.6	.0	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.8
W	.0	.0	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1
WNW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	17.0													17.0
TOTAL	.1	35.8	.2	62.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.6	100
															5.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FSM FORT SMITH, AR

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 13964

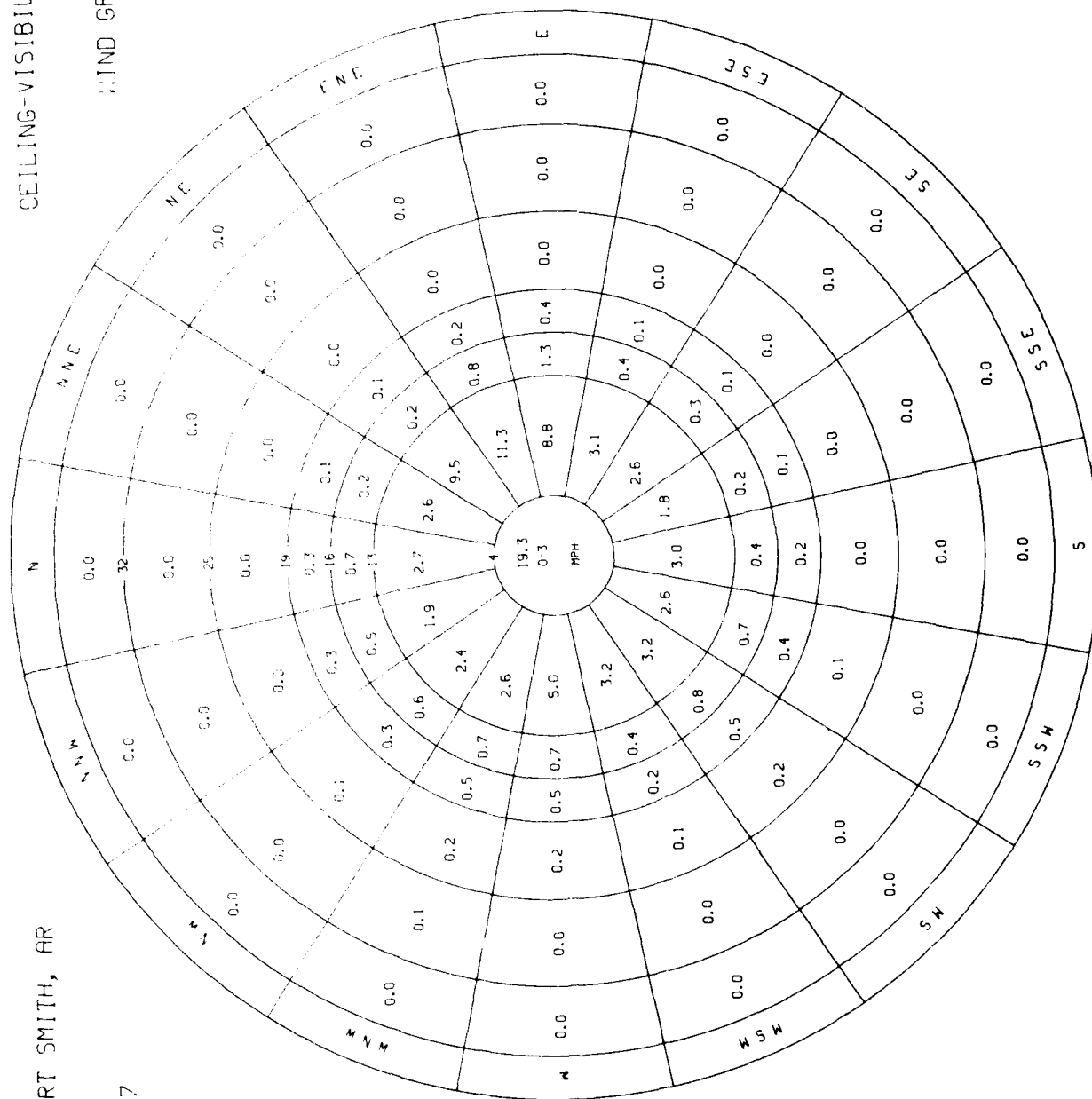
NO. OBS.: 207

D I R	SPEED GROUPS (MPH)													AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
NNE	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
NE	.0	3.9	.0	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.5
ENE	.0	4.8	.1	22.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.1
E	.0	1.4	.0	7.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	9.7
ESE	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
SE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
SSE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
S	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.5
SSW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
SW	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
WSW	.0	1.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
W	.0	1.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2
WNW	.0	.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
NW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	20.8													20.8
TOTAL	.2	38.6	.3	60.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.5	100
															4.7

CEILING-VISIBILITY WIND GRAPH

FSM FORT SMITH, AR

CLASS 7

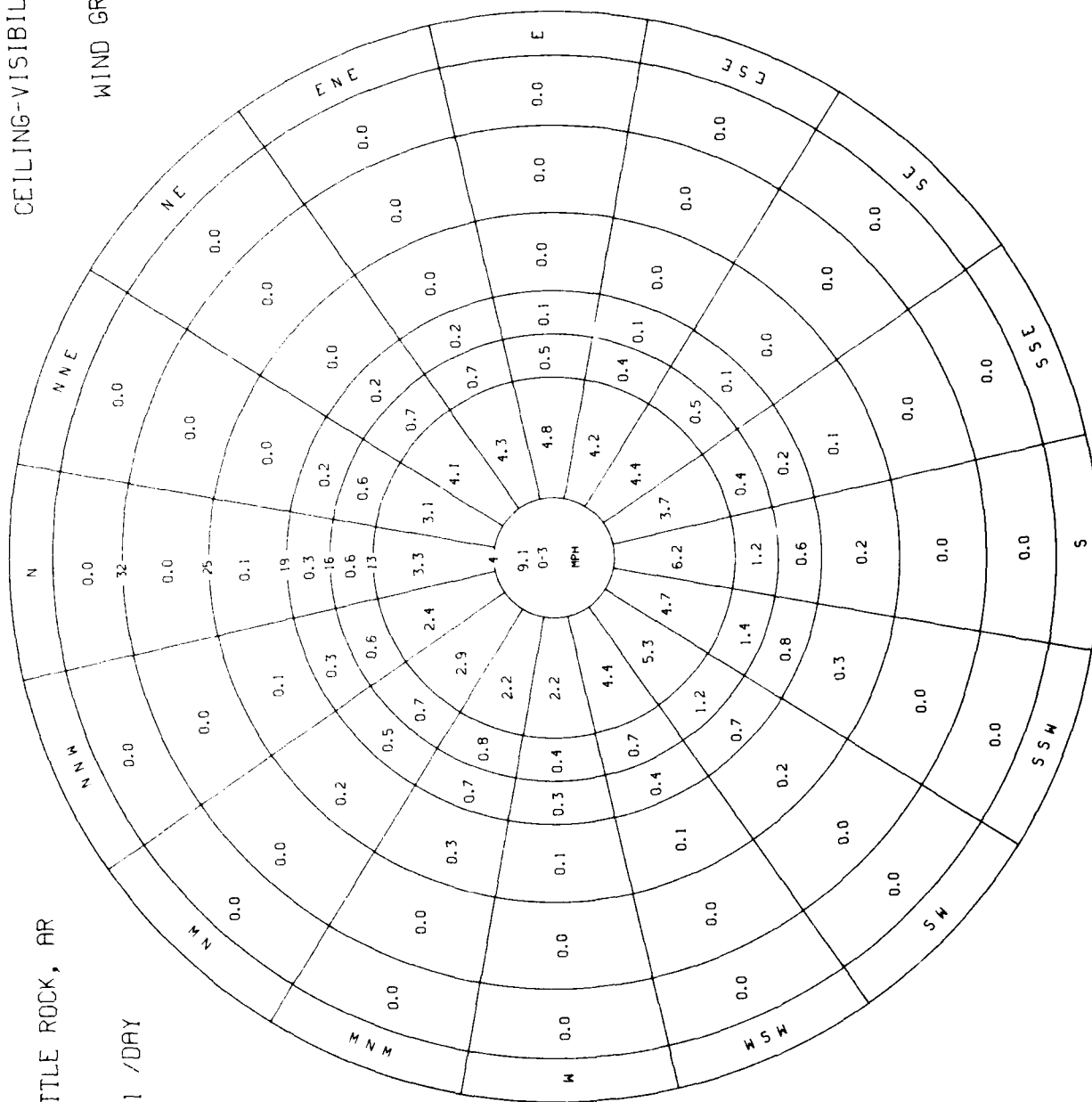


CEILING-VISIBILITY

WIND GRAPH

LIT LITTLE ROCK, AR

CLASS 1 /DAY



PRECEDING PAGE BLANK-NOT FILMED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 1 / DAY

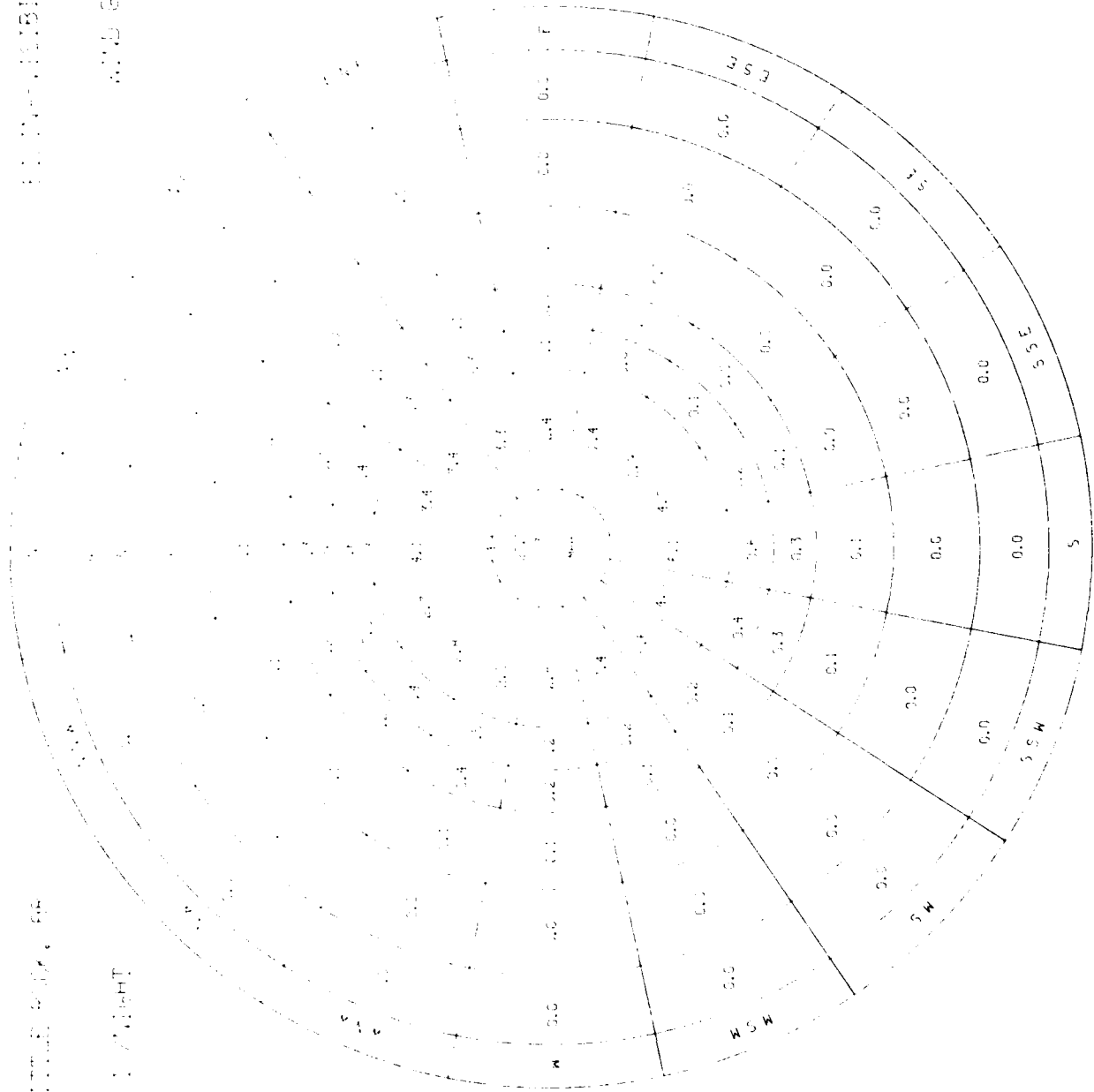
NO. OBS.: 43667

STATION NUMBER: 13963

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.4	.4	3.3	3.7	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	4.7 5.2
NNE	.3	.3	3.1	3.4	.6	.7	.2	.2	.0	.1	.0	.0	.0	.0	4.3 4.7
NE	.4	.5	4.1	4.5	.7	.8	.2	.2	.0	.0	.0	.0	.0	.0	5.4 6.0
ENE	.3	.4	4.3	4.7	.7	.7	.2	.2	.0	.0	.0	.0	.0	.0	5.4 6.0
E	.5	.5	4.8	5.3	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	5.9 6.6
ESE	.4	.5	4.2	4.7	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	5.2 5.7
SE	.6	.6	4.4	4.8	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.6 6.2
SSE	.3	.4	3.7	4.1	.4	.5	.2	.2	.2	.2	.0	.0	.0	.0	4.7 5.2
S	.5	.6	6.2	6.8	1.2	1.3	.6	.6	.3	.3	.0	.0	.0	.0	8.6 9.5
SSW	.4	.4	4.7	5.2	1.4	1.6	.8	.9	.3	.3	.0	.0	.0	.0	7.7 8.5
SW	.6	.6	5.3	5.9	1.2	1.4	.7	.7	.2	.3	.0	.0	.0	.0	8.0 8.9
WSW	.5	.5	4.4	4.9	.7	.8	.4	.5	.1	.1	.0	.0	.0	.0	6.2 6.9
W	.3	.3	2.2	2.5	.4	.4	.3	.3	.1	.2	.0	.0	.0	.0	3.4 3.7
WNW	.2	.2	2.2	2.4	.8	.9	.7	.7	.3	.3	.0	.0	.0	.0	4.1 4.6
NW	.4	.4	2.9	3.2	.7	.8	.5	.5	.2	.2	.0	.0	.0	.0	4.7 5.2
NNW	.2	.2	2.4	2.7	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	3.5 3.8
CALM	2.8	3.1									.1	.1	.0	.0	2.8 3.1
TOTAL	9.1	10.1	62.2	69.0	11.4	12.6	5.6	6.2	1.8	2.0	.1	.1	.0	.0	90.2 100

STABILITY
AND GRAPH

FOR LITTLE BOY, OR
ANY LIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LITTLE ROCK, AR

PERIOD: 1949-1978

CLASS: 1167

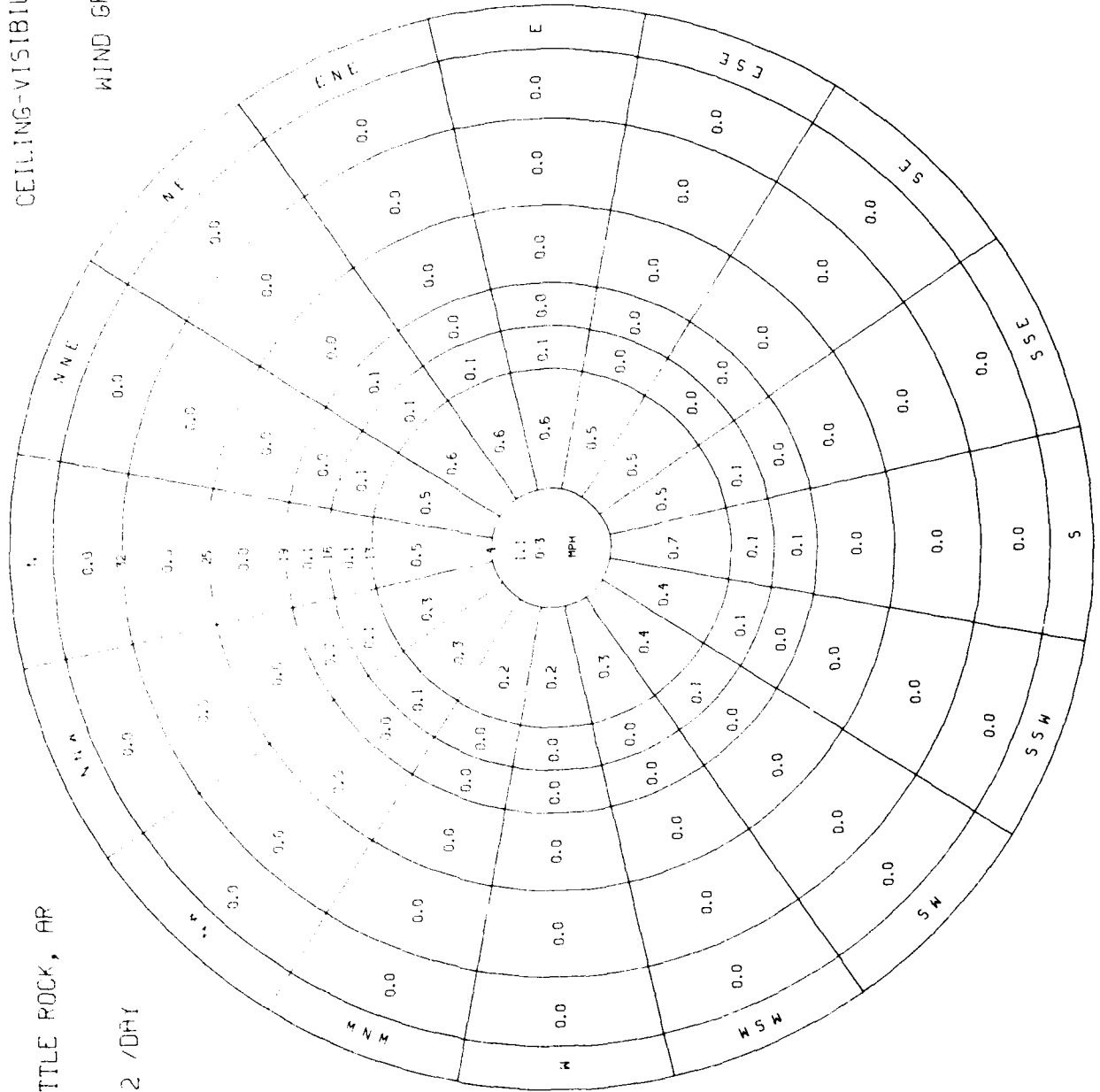
STATION NUMBER: 1962

NO. OBS.: 35379

DIR	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.6	.6	4.1	4.5	.9	.7	.3	.4	.1	.1	.0	.0	.0	.0	5.7	6.3	8.8
NNE	.5	.6	3.4	3.8	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.5	5.0	8.0
NNE	.3	.3	3.4	3.8	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.6	5.1	7.4
ENE	.6	.7	3.3	3.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.2	4.7	7.3
E	.9	1.0	2.4	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.8	6.1
ESE	.7	.8	2.4	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.5	6.1
SE	1.0	1.2	2.9	3.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.5	6.1
SSE	.7	.8	4.0	4.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.0	5.5	7.2
S	1.1	1.2	6.1	6.8	.6	.7	.2	.4	.1	.1	.0	.0	.0	.0	8.2	9.1	8.1
SSW	.8	.9	4.0	4.4	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	5.6	6.2	8.2
SW	1.6	1.8	5.6	6.2	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	7.6	8.4	6.7
WSW	1.2	1.4	7.4	8.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	8.9	9.9	6.6
W	.8	.8	2.8	3.1	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	4.0	4.5	7.4
WNW	.4	.4	2.0	2.2	.5	.5	.4	.4	.1	.2	.0	.0	.0	.0	3.3	3.7	10.1
NW	.6	.7	2.8	3.1	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	4.2	4.6	8.7
NNW	.4	.4	2.7	3.0	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	3.8	4.2	8.8
CALM	9.7	10.8													9.7	10.8	
TOTAL	22.5	25.0	59.3	65.8	5.1	5.7	2.4	2.7	.7	.8	.1	.1	.0	.0	90.2	100	6.7

CEILING-VISIBILITY

WIND GRAPH

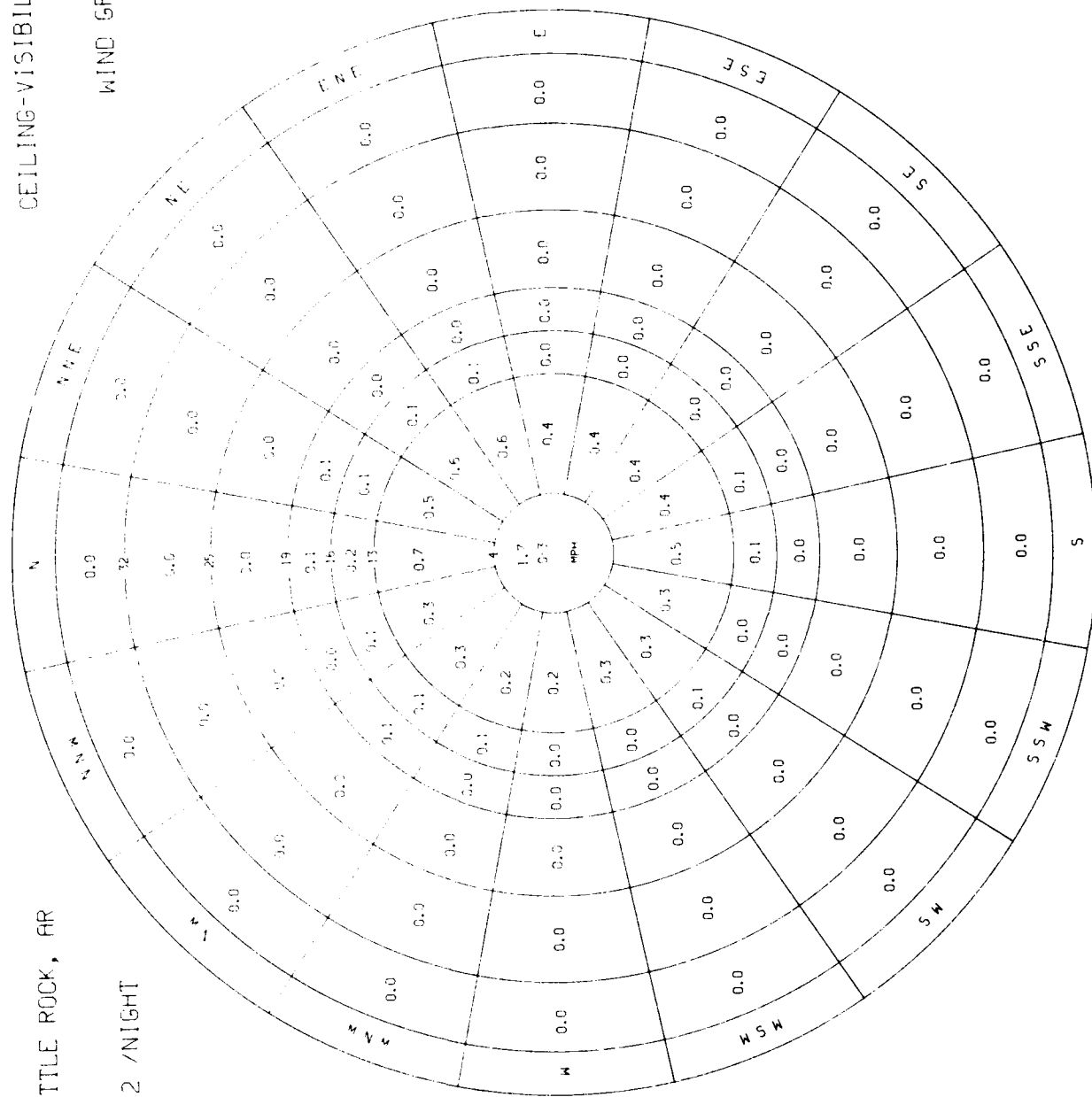


CEILING-VISIBILITY

WIND GRAPH

LIT LITTLE ROCK, AR

CLASS 2 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LIT LITTLE ROCK, AR

PERIOD: 1949-1978

CLASS 2 / NIGHT

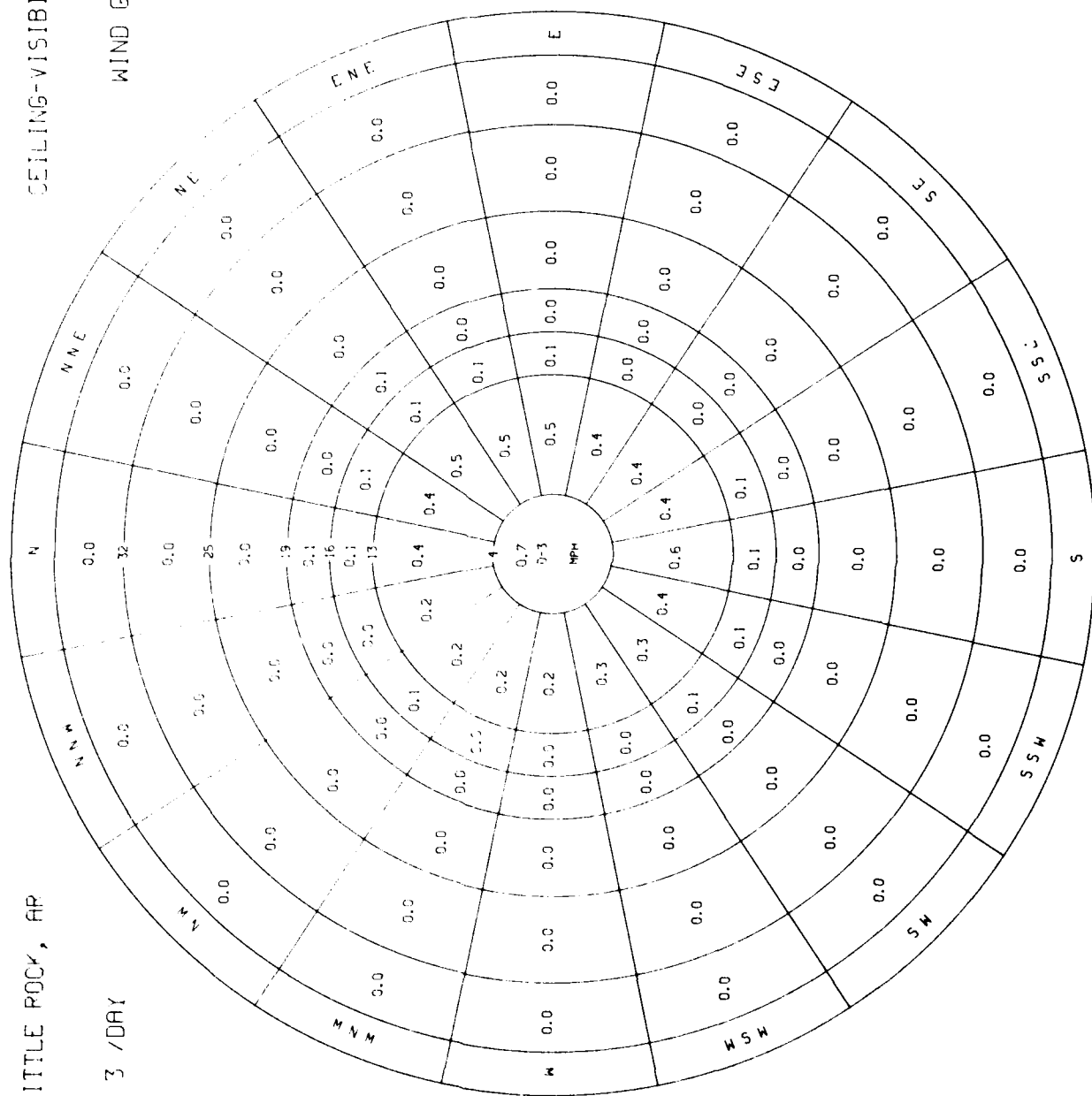
STATION NUMBER: 13963

NO. OBS.: 3854

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.7	6.8	.2	1.6	.1	.7	.0	.3	.0	.0	.0	.0	1.0 9.8
NNE	.0	.4	.5	5.4	.1	1.2	.1	.5	.0	.1	.0	.0	.0	.0	.8 7.8
NNE	.1	.8	.6	6.5	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.9 9.1
ENE	.1	.9	.6	6.0	.1	1.1	.0	.3	.0	.1	.0	.0	.0	.0	.8 8.3
E	.1	1.2	.4	4.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.6 6.2
ESE	.1	.6	.4	4.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5 5.3
SE	.1	1.2	.4	4.2	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.6 6.1
SSE	.1	.7	.4	3.6	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.5 5.3
S	.1	.9	.5	4.7	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.6 6.5
SSW	.1	.6	.3	3.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.5 4.7
SW	.1	.9	.3	3.0	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.4 4.5
WSW	.0	.5	.3	2.8	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.4 3.6
W	.0	.3	.2	1.8	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2 2.4
WNW	.0	.3	.2	2.2	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.3 3.6
NW	.0	.3	.3	3.1	.1	.9	.1	.8	.0	.2	.0	.0	.0	.0	.5 5.3
NNW	.0	.3	.3	3.1	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.4 4.5
CALM	.7	7.0													.7 7.0
TOTAL	1.7	17.3	6.5	65.7	1.1	10.9	.5	4.7	.1	1.3	.0	.1	.0	.0	9.8 10.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 3 / DAY

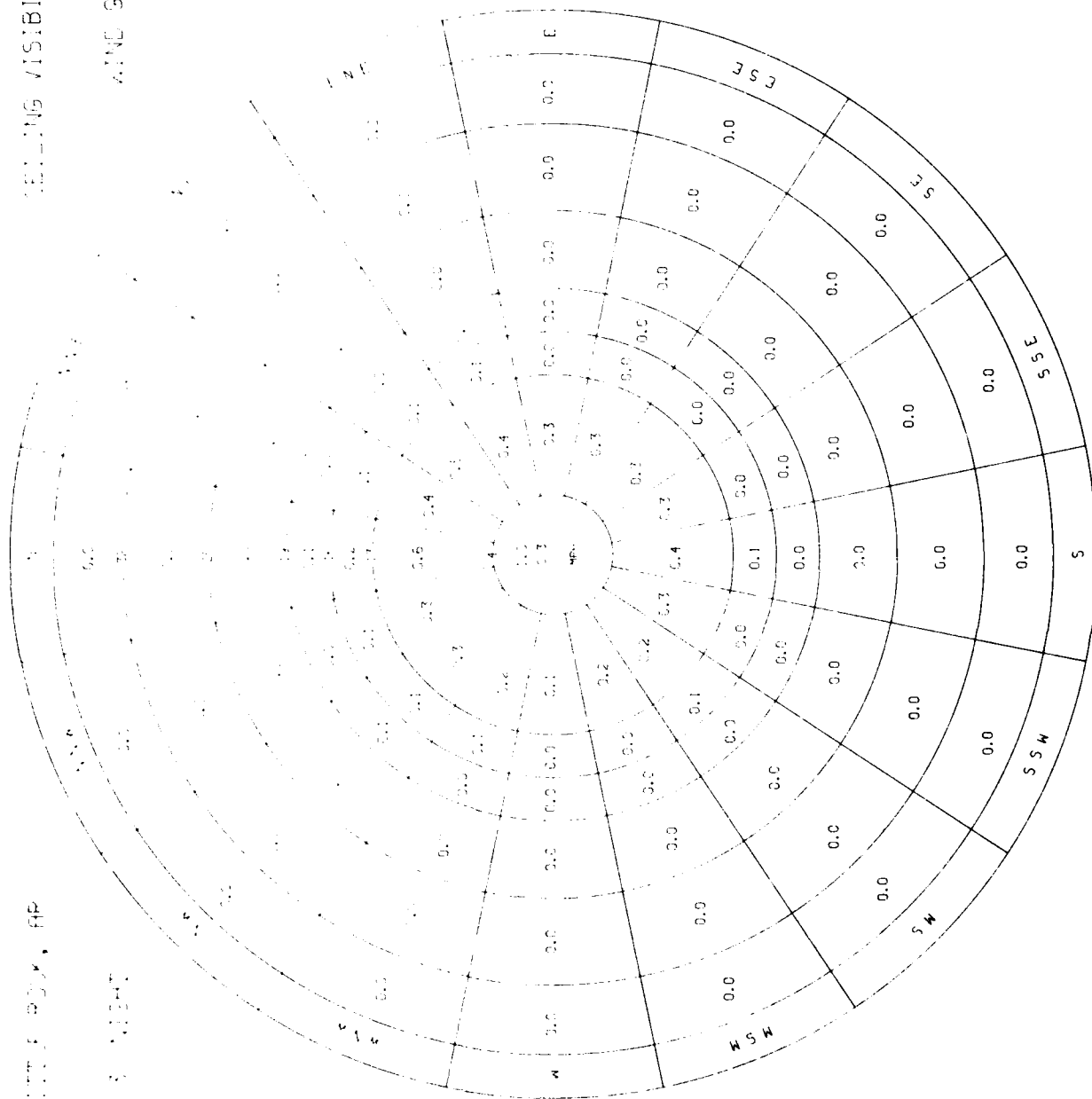
NO. OBS.: 3993

STATION NUMBER: 13963

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.4	5.0	.1	1.3	.1	.8	.0	.2	.0	.0	.0	.0	.6 7.5
NNE	.0	.3	.4	5.0	.1	1.1	.0	.5	.0	.1	.0	.0	.0	.0	.6 7.0
NE	.0	.5	.5	6.6	.1	1.3	.1	.8	.0	.3	.0	.0	.0	.0	.8 9.4
ENE	.0	.4	.5	6.0	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.6 7.8
E	.0	.6	.5	6.1	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.6 7.8
ESE	.0	.3	.4	4.3	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.4 5.3
SE	.0	.6	.4	5.3	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.5 6.7
SSE	.0	.2	.4	4.8	.1	.7	.0	.3	.0	.2	.0	.0	.0	.0	.5 6.1
S	.1	.6	.6	7.5	.1	1.1	.0	.6	.0	.1	.0	.0	.0	.0	.8 9.8
SSW	.0	.3	.4	4.4	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.5 5.6
SW	.0	.6	.3	3.9	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.5 5.6
WSW	.0	.3	.3	3.3	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.3 4.1
W	.0	.2	.2	2.0	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2 2.7
WNW	.0	.1	.2	1.9	.0	.5	.0	.3	.0	.2	.0	.0	.0	.0	.2 2.9
NW	.0	.3	.2	2.8	.1	.7	.0	.6	.0	.2	.0	.0	.0	.0	.4 4.4
NNW	.0	.2	.2	3.0	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.3 4.1
CALM	.3	3.2													.3 3.2
TOTAL	.7	9.0	5.9	71.6	1.0	12.2	.5	5.7	.1	1.6	.0	.0	.0	.0	8.2 100
															9.1

WIND VISIBILITY

WIND GRAPH



WIND VISIBILITY

WIND GRAPH

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

CLASS 3 / 113

NO. OBS.: 2944

STATION NAME: LITTLE ROCK, AR

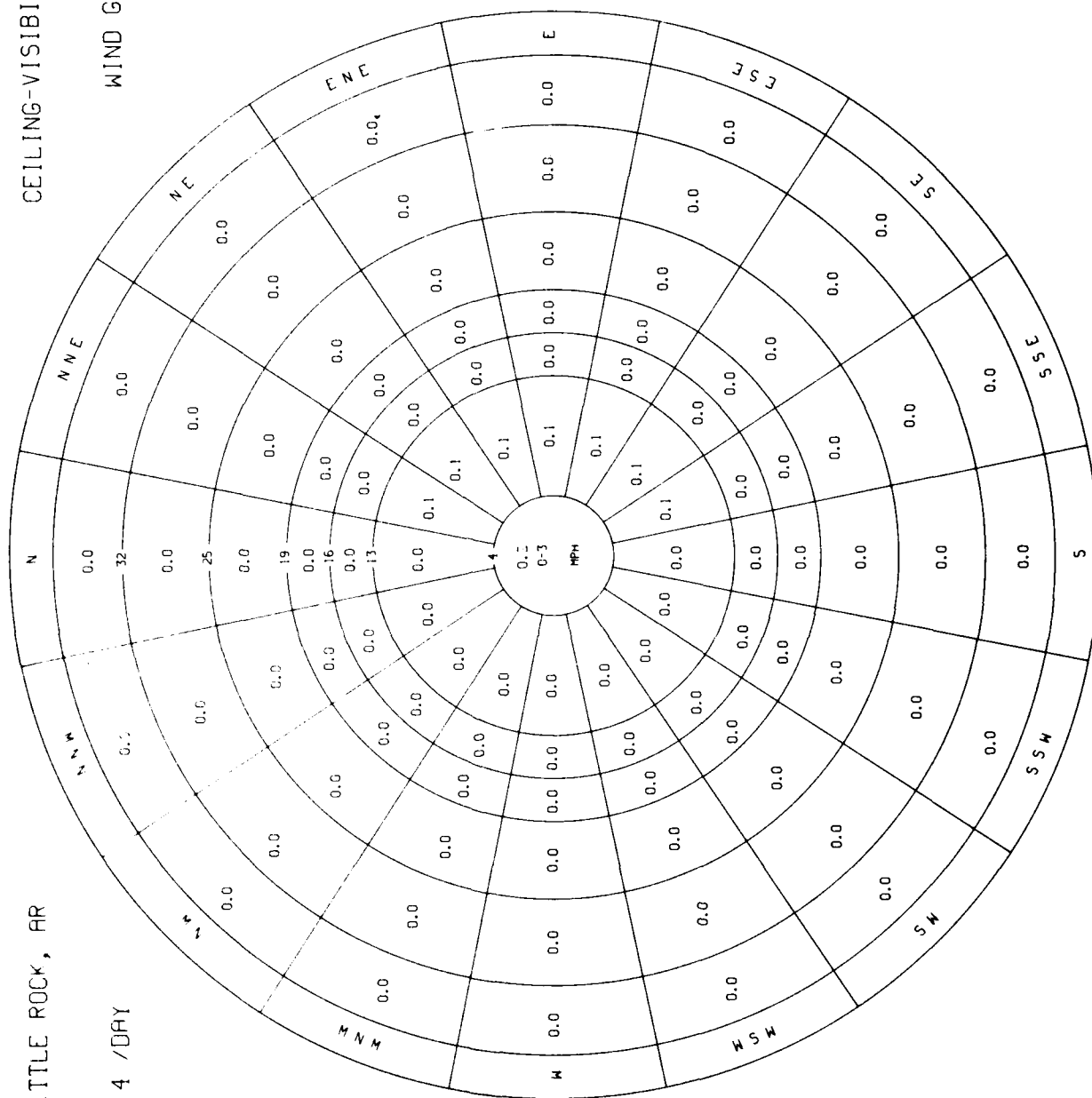
STATION NUMBER: 13953

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.6	7.6	.2	2.0	.1	.8	.0	.3	.0	.0	.0	.0	.8	11.1	10.5
NNE	.0	.4	.4	5.7	.1	1.6	.0	.6	.0	.1	.0	.0	.0	.0	.6	8.4	10.2
NE	.0	.6	.5	6.4	.1	1.6	.0	.4	.0	.1	.0	.0	.0	.0	.7	9.1	9.7
ENE	.0	.5	.4	5.3	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.6	7.5	9.5
E	.1	1.0	.3	4.1	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.4	5.7	7.7
ESE	.0	.4	.3	4.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.9	7.4
SE	.1	.8	.3	4.0	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	5.6	8.5
SSE	.0	.4	.3	3.5	.0	.6	.0	.3	.0	.1	.0	.0	.0	.0	.4	5.0	9.8
S	.1	.8	.4	5.1	.1	1.0	.0	.2	.0	.1	.0	.0	.0	.0	.5	7.1	8.4
SSW	.0	.6	.3	3.6	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.4	4.8	8.6
SW	.0	.5	.2	2.9	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.3	4.3	8.7
WSW	.0	.5	.2	2.9	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.3	3.8	7.7
W	.0	.3	.1	1.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.4	8.9
WNW	.0	.3	.2	2.4	.1	.8	.0	.5	.0	.1	.0	.0	.0	.0	.3	4.1	10.8
NW	.0	.3	.3	3.5	.1	1.2	.1	1.0	.0	.2	.0	.0	.0	.0	.5	6.2	11.2
NNW	.0	.3	.3	3.6	.1	.7	.0	.5	.0	.1	.0	.0	.0	.0	.4	5.3	10.2
CALM	.3	4.7													.3	4.7	
TOTAL	1.0	12.8	5.0	66.3	1.0	13.4	.4	5.7	.1	1.7	.0	.2	.0	.0	7.5	100	9.0

CEILING-VISIBILITY WIND GRAPH

LIT LITTLE ROCK, AR

CLASS 4 /DAY



ANNUAL

STATION NAME: LIT LITTLE ROCK, AR

PERIOD: 1949-1978

CLASS 4 / DAY

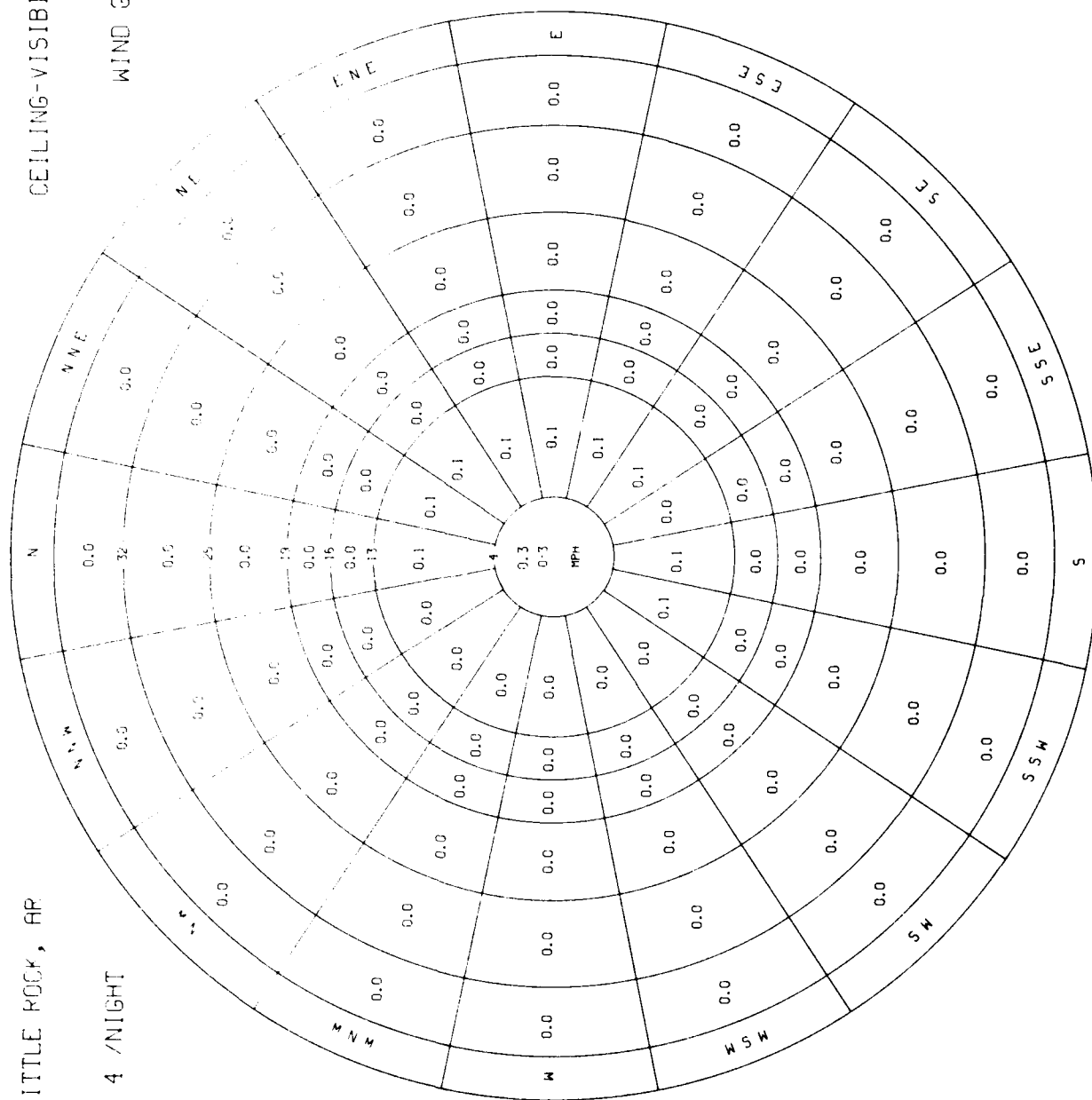
STATION NUMBER: 13963

NO.	OBS. :	485
-----	--------	-----

O I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.0	3.9	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.2	.1	5.2	10.5	
NNE	.0	.6	.1	6.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4	8.1	
NE	.0	.8	.1	7.8	.0	.8	.0	.6	.0	.2	.0	.0	.0	.0	.0	.1	10.3	8.1	
ENE	.0	.4	.1	7.0	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.1	8.9	9.3	
E	.0	.8	.1	7.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	8.5	7.7	
ESE	.0	2.3	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.1	6.1	
SE	.0	1.2	.1	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7	7.0	
SSE	.0	1.4	.1	6.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.8	7.1	
S	.0	.6	.0	4.9	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	6.4	8.0	
SSW	.0	.4	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.6	
SW	.0	1.0	.0	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.7	
WSW	.0	.6	.0	2.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.3	
W	.0	.8	.0	1.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	2.3	7.6	
WNW	.0	.6	.0	1.0	.0	.2	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	2.5	9.6	
NW	.0	.8	.0	2.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	8.1	
NNW	.0	.2	.0	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.3	
CALM	.1	6.0															.1	6.0	
TOTAL	2	19.0	7	71.8	1	5.6	0	2.9	0	.6	0	.0	.0	.0	.2	1	100	7.3	

LIT LITTLE ROCK, AR
 CLASS 4 / NIGHT

CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

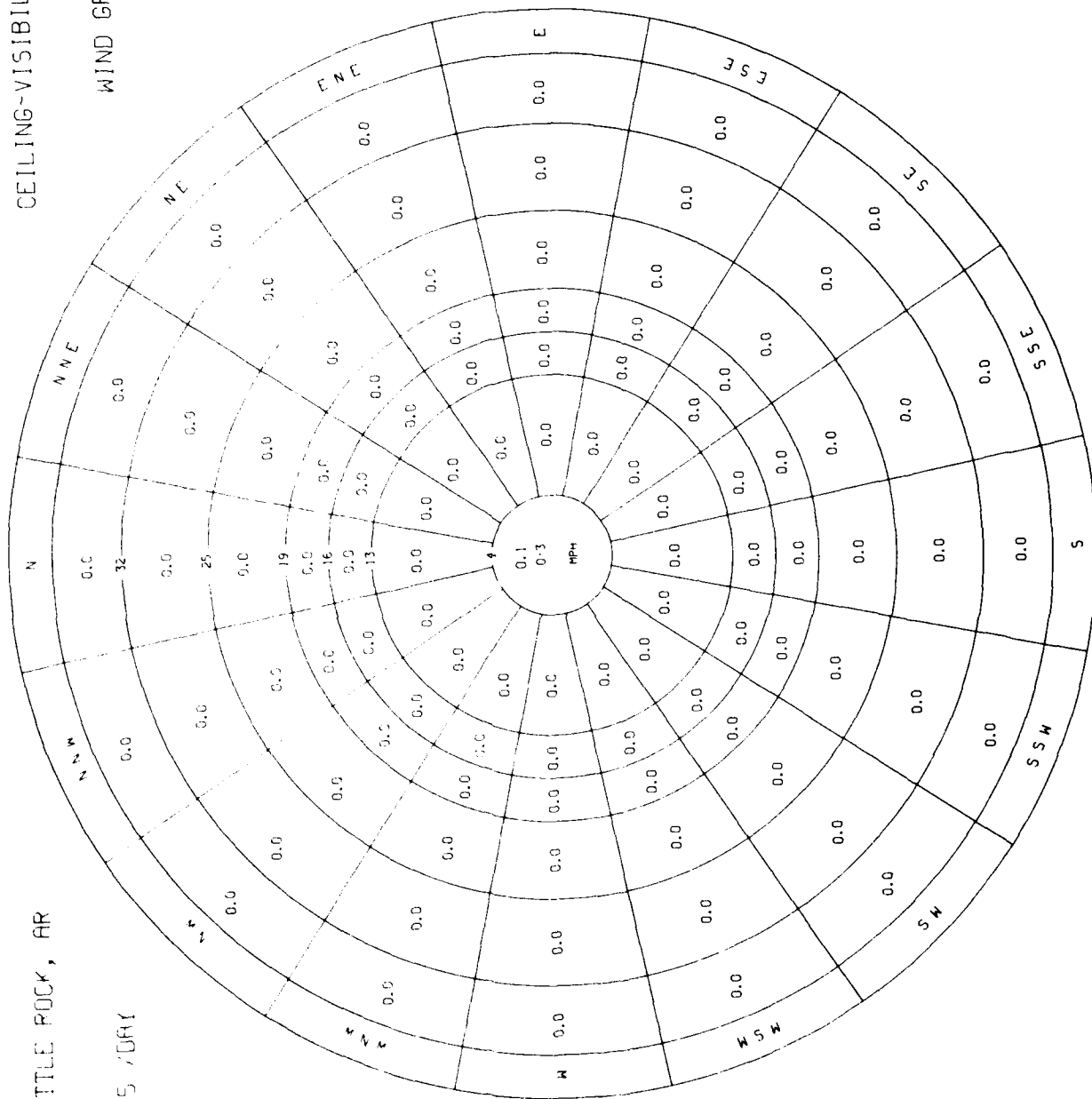
CLASS 4 / 15-17

NO. OBS.: 527

STATION NUMBER: 13963

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.8	.1	5.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 6.8
NNE	.0	.6	.1	5.3	.0	.4	.0	.6	.0	.2	.0	.0	.0	.0	.1 7.0
NNE	.0	1.7	.1	8.2	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.1 10.8
ENE	.0	1.1	.1	9.5	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.2 12.0
E	.0	1.9	.1	6.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.5
ESE	.0	.9	.1	5.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1 6.8
SE	.0	1.3	.1	4.2	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.1 6.1
SSE	.0	1.5	.0	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.7
S	.0	1.1	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
SSW	.0	.8	.1	4.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
SW	.0	1.7	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
WSW	.0	.8	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
W	.0	.4	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
WNW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0 1.3
NW	.0	.6	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
NNW	.0	.2	.0	2.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
CALM	.1	9.1													.1 9.1
TOTAL	.3	24.7	.9	69.1	.1	4.0	.0	1.9	.0	.4	.0	.0	.0	.0	1.3 100
															6.6

CEILING-VISIBILITY
WIND GRAPH



LIT LITTLE ROCK, AR
CLASS 5 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 5 / DAY

NO. OBS.: 123

STATION NUMBER: 13963

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9		7.5	
NNE	.0	.8	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3		8.8	
N	.0	4.1	.0	4.9	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	10.6		7.2	
ENE	.0	.8	.0	4.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5		8.0	
E	.0	1.6	.0	8.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6		5.8	
ESE	.0	1.6	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7		5.4	
SE	.0	1.6	.0	4.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3		6.0	
SSE	.0	.0	.0	4.1	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	4.9		9.8	
S	.0	2.4	.0	8.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4		5.4	
SSW	.0	3.3	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7		5.9	
SW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4		6.3	
WSW	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3		5.7	
W	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6		6.5	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
NW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6		5.0	
NNW	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4		6.0	
CALM	.0	17.9													.0	17.9			
TOTAL	.1	36.6	.1	57.7	.0	4.1	.0	1.6	.0	.0	.0	.0	.0	.0	.3	100		5.4	

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

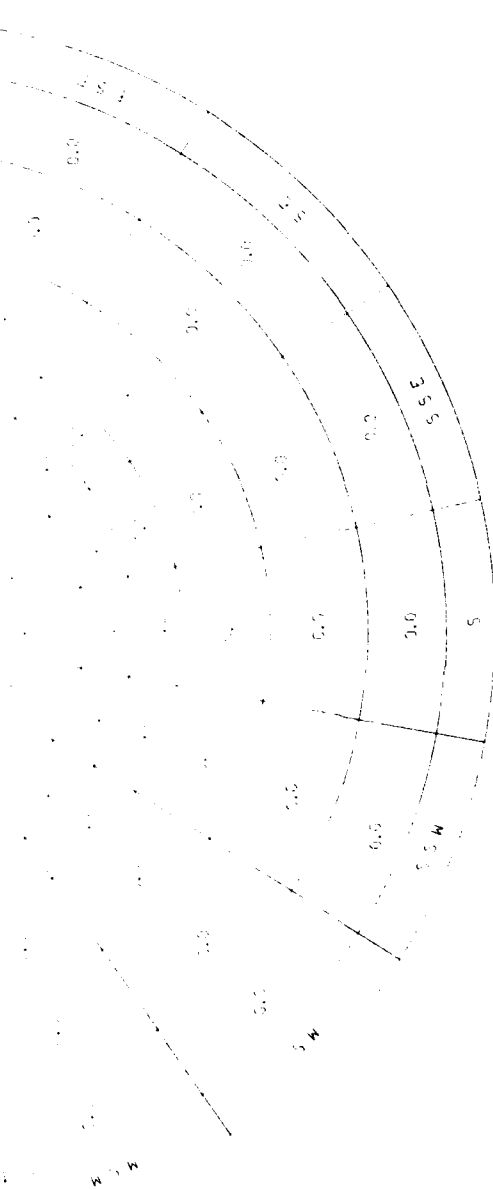
CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY

CLIMATE BILITY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FT. WATKINS, AR

PERIOD: 1949-1978

CLASS: NIGHT

STATION NUMBER: 13583

NO. OBS.: 172

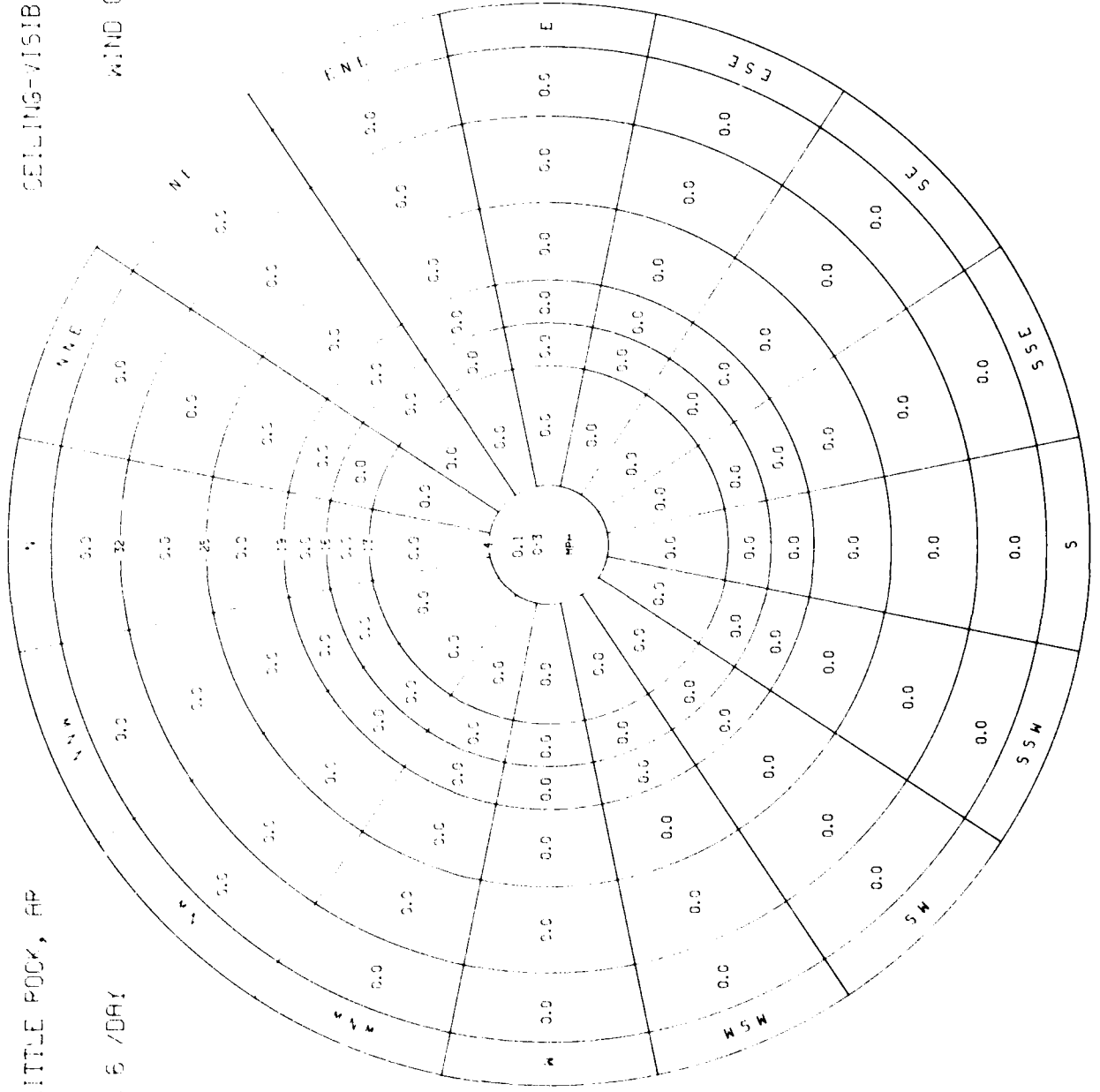
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.2	.0	3.5	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.1
NNE	.0	1.2	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.7
NE	.0	.5	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.7
ENE	.0	2.9	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.3
E	.0	1.7	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	5.9
ESE	.0	.6	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	6.5
SE	.0	3.5	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	5.4
SSE	.0	1.7	.0	7.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.7
S	.0	.6	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.2
SSW	.0	.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.6
SW	.0	1.7	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.3
WSW	.0	.0	.0	3.5	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.4
W	.0	.6	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.3
WNW	.0	.0	.0	1.7	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.3	9.7
NW	.0	.0	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	10.3
NNW	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	11.0
CALM	.1	14.0													.1	14.0		
TOTAL	.1	30.8	.3	65.7	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.4	100		5.6

CEILING-VISIBILITY

WIND GRAPH

LIT LITTLE ROCK, AR

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LIT LITTLE ROCK, AR

PERIOD: 1949-1978

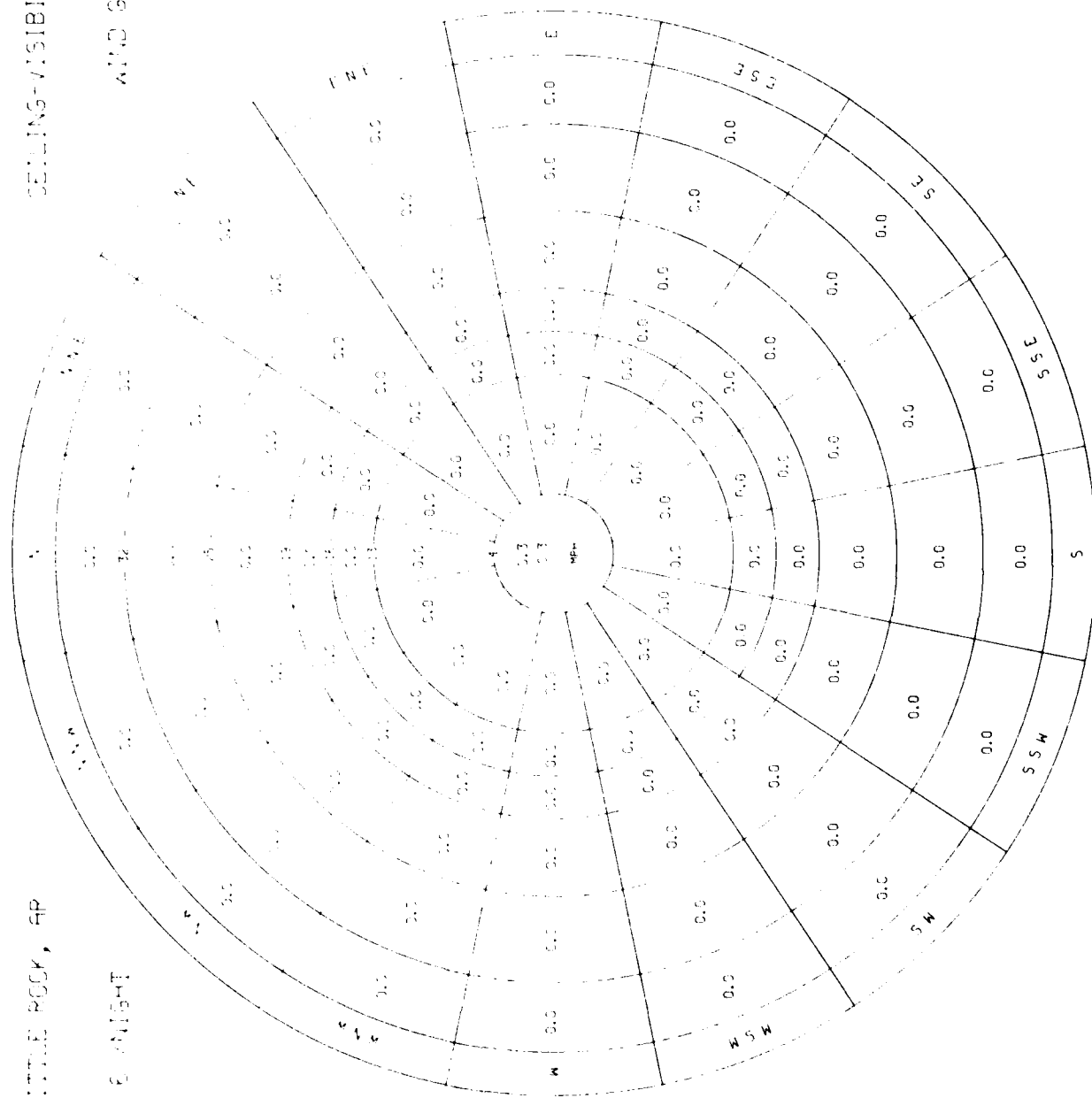
CLASS 6 / DAY

STATION NUMBER: 13963

NO. OBS.: 143

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.1	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6
NNE	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
NE	.0	.7	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
ENE	.0	2.1	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4
E	.0	4.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
ESE	.0	1.4	.0	9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2
SE	.0	3.5	.0	7.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	11.2
SSE	.0	.7	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
S	.0	2.1	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6
SSW	.0	2.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
SW	.0	1.4	.0	2.8	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	4.9
WSW	.0	1.4	.0	4.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.3
W	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.7	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
NNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
CALM	.0	16.1													16.1
TOTAL	.1	39.9	.2	58.0	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.3	100
															4.9

LIT LITTLE ROCK, AP
 SURGE 2 NIGHT
 SELLING-VISIBILITY
 AND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 6 / NIGHT

NO. OBS.: 211

STATION NUMBER: 13963

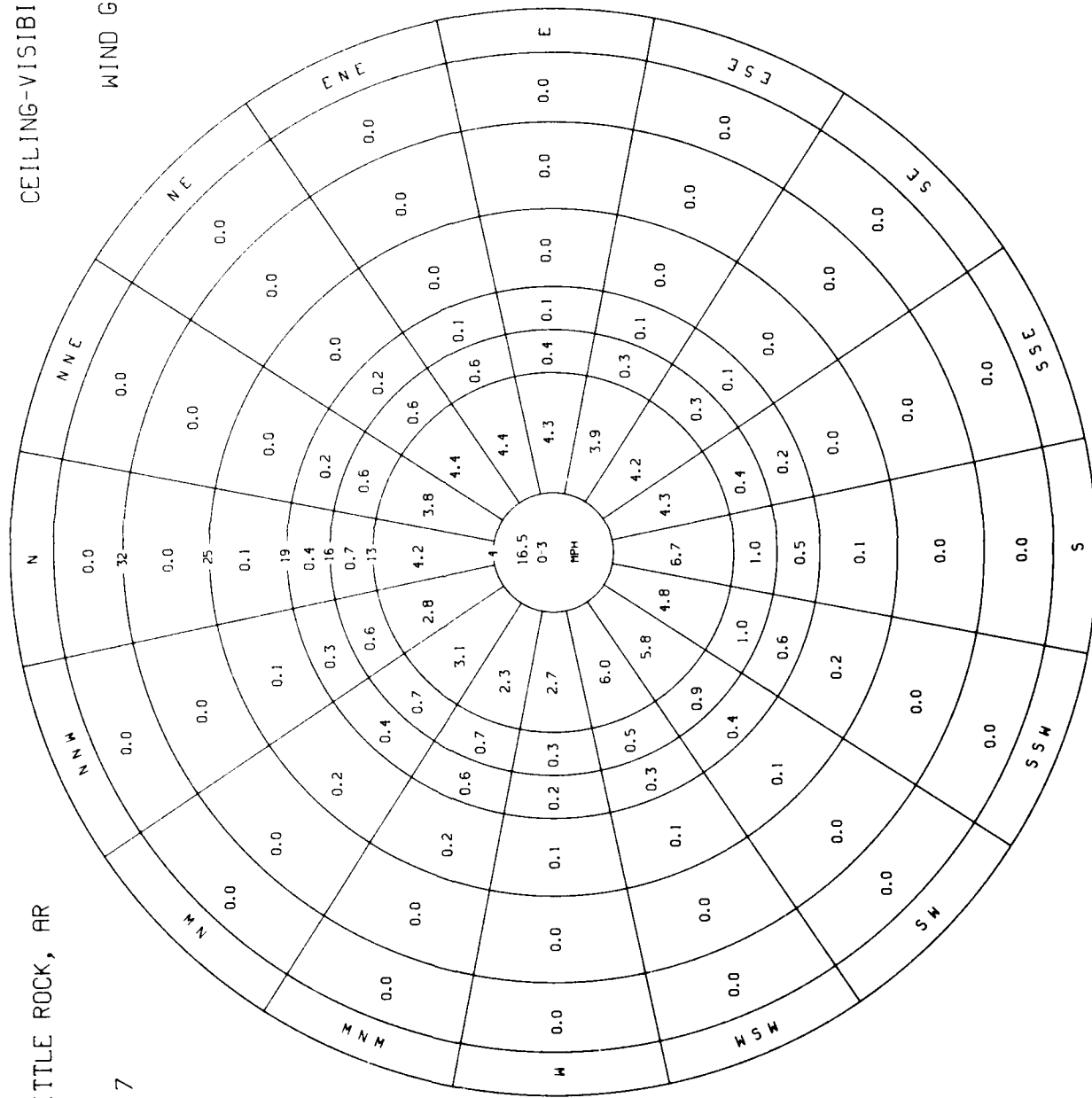
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.7
NNE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.9
NE	.0	1.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	5.7
ENE	.0	3.8	.0	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.4	4.9
E	.0	1.9	.0	3.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.9
ESE	.0	1.4	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	5.2
SE	.0	4.3	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	4.8
SSE	.0	1.4	.0	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.9
S	.0	1.4	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.5
SSW	.0	.9	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.6
SW	.0	2.4	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.7
WSW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0
W	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.3
WNW	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.5
NW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	10.0
NNW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0
CALM	.2	28.9													.2	28.9	
TOTAL	.3	50.2	.3	48.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.5	100	3.9

CEILING-VISIBILITY

WIND GRAPH

LIT LITTLE ROCK, AR

CLASS 7



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BIR BATON ROUGE, LA

CLASS 1 / 04'

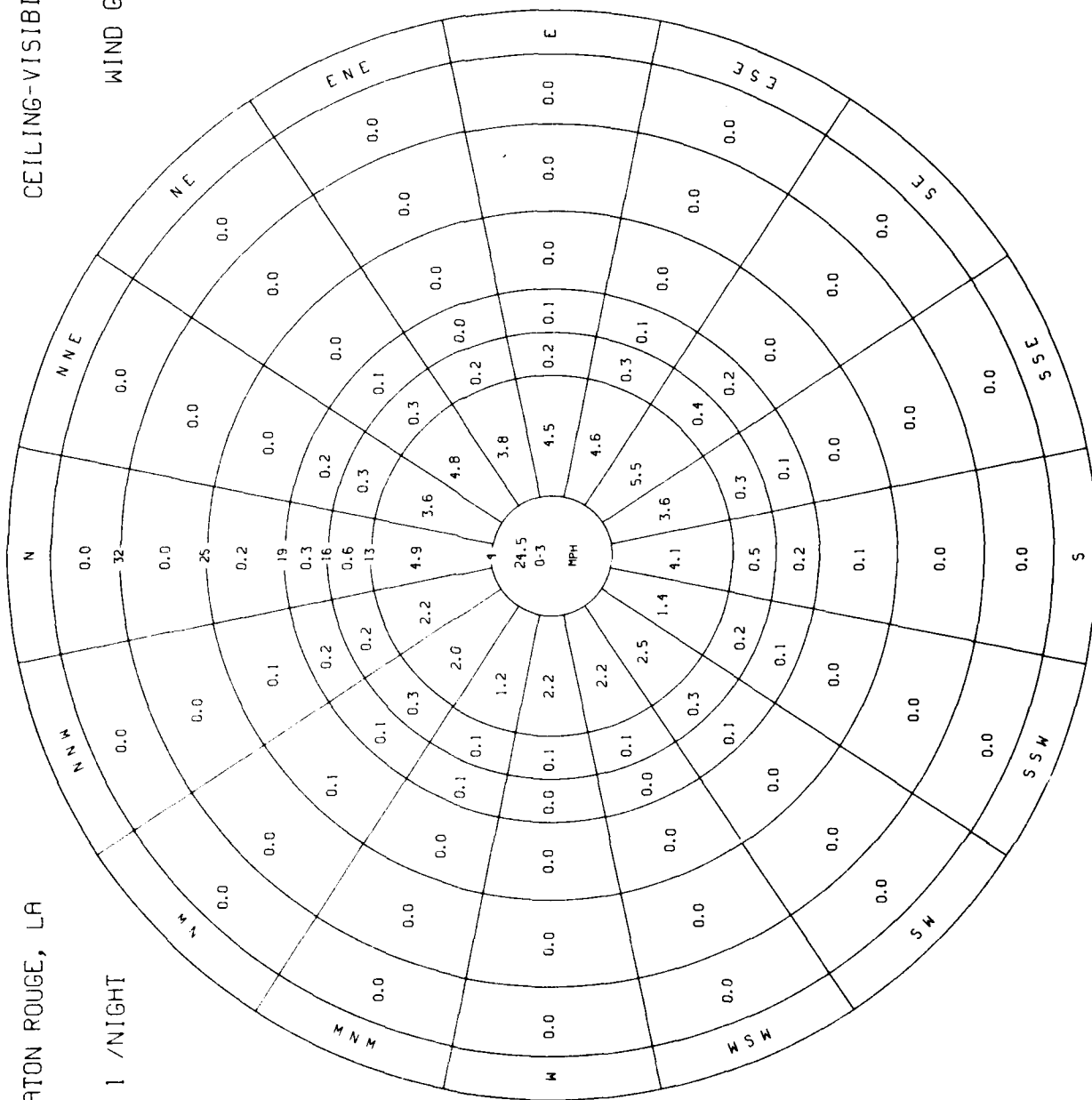
NO. OBS.: 40894

STATION NUMBER: 12970

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.5	4.4	5.1	1.1	1.2	.5	.6	.2	.3	.0	.0	.0	.0	6.7	7.8	9.9
NNE	.4	.4	2.9	3.4	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	4.3	5.0	9.2
NE	.6	.7	4.0	4.7	.6	.7	.2	.3	.1	.1	.0	.0	.0	.0	5.6	6.4	8.4
ENE	.5	.5	3.8	4.4	.5	.6	.1	.1	.1	.1	.0	.0	.0	.0	5.0	5.8	8.4
E	.5	.6	5.5	6.3	.7	.9	.2	.2	.1	.1	.0	.0	.0	.0	7.0	8.1	8.6
ESE	.3	.3	4.1	4.8	.8	1.0	.3	.3	.1	.1	.0	.0	.0	.0	5.7	6.6	9.5
SE	.4	.5	4.5	5.2	1.0	1.2	.5	.6	.2	.2	.0	.0	.0	.0	6.6	7.6	9.8
SSE	.2	.2	3.2	3.7	.8	.9	.5	.6	.2	.2	.0	.0	.0	.0	4.9	5.6	10.6
S	.3	.3	4.3	5.0	1.5	1.7	.9	1.1	.4	.4	.0	.1	.0	.0	7.4	8.6	11.3
SSW	.2	.2	1.9	2.1	.7	.9	.5	.6	.2	.2	.0	.0	.0	.0	3.5	4.1	11.5
SW	.3	.3	2.8	3.3	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	4.2	4.8	9.8
WSW	.2	.2	2.7	3.2	.4	.4	.2	.2	.0	.1	.0	.0	.0	.0	3.5	4.1	9.0
W	.4	.5	4.3	5.0	.5	.6	.2	.2	.0	.1	.0	.0	.0	.0	5.4	6.3	8.4
WNW	.2	.3	2.5	2.9	.4	.4	.1	.2	.1	.1	.0	.0	.0	.0	3.4	3.9	8.8
NW	.4	.4	3.1	3.6	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	4.5	5.2	9.5
NNW	.2	.2	2.4	2.8	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	3.7	4.3	10.2
CALM	4.9	5.7													4.9	5.7	
TOTAL	10.3	11.9	56.5	65.6	11.5	13.4	5.5	6.4	2.1	2.5	.2	.2	.0	.0	86.1	100	9.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

CLASS 1 / NIGHT

NO. OBS.: 33950

STATION NUMBER: 13970

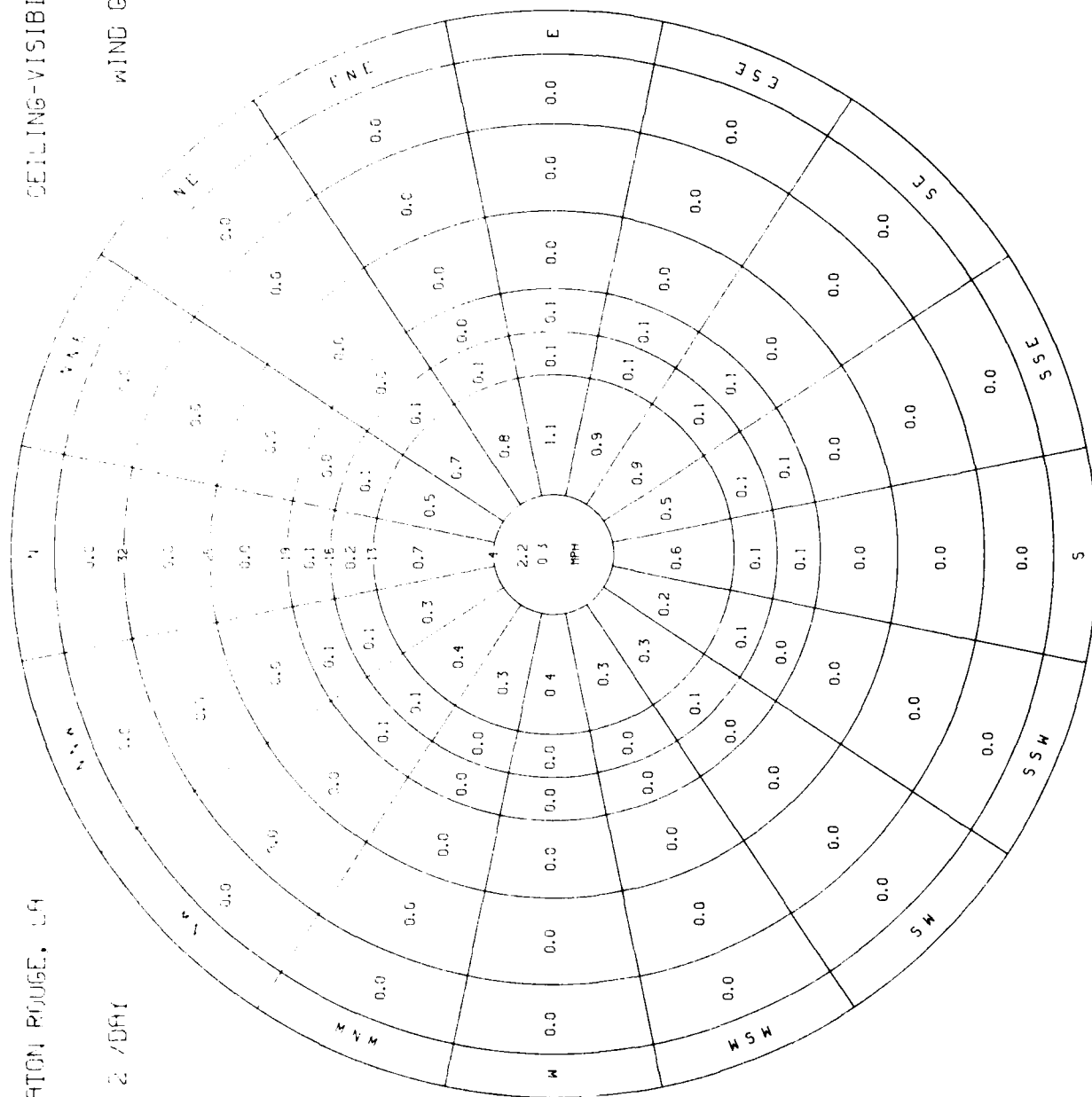
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.7	.8	4.9	5.8	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	6.7	7.9	8.5
NNE	.7	.8	3.6	4.2	.3	.4	.2	.2	.0	.1	.0	.0	.0	.0	4.8	5.6	7.8
NNE	1.1	1.3	4.8	5.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.3	7.5	6.7
ENE	.8	1.0	3.8	4.5	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	4.9	5.7	6.5
E	1.0	1.2	4.5	5.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.8	6.8	6.8
ESE	.7	.8	4.6	5.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.6	6.7	7.3
SE	.9	1.1	5.5	6.6	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	7.1	8.4	7.5
SSE	.5	.6	3.6	4.3	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.5	5.4	7.8
S	.5	.6	4.1	4.8	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	5.3	6.2	8.5
SSW	.2	.2	1.4	1.6	.2	.3	.1	.1	.0	.1	.0	.0	.0	.0	1.9	2.2	9.0
SW	.4	.4	2.5	3.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.3	3.9	8.1
WSW	.2	.3	2.2	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.0	7.1
W	.5	.6	2.2	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.4	6.2
WNW	.3	.3	1.2	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.7	2.0	7.6
NW	.4	.5	2.0	2.3	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	2.9	3.5	8.2
NNW	.3	.4	2.2	2.6	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.1	3.6	8.4
CALM	15.4	18.2													15.4	18.2	
TOTAL	24.5	29.0	53.1	62.8	4.4	5.2	1.8	2.1	.7	.8	.1	.1	.0	.0	84.5	100	6.2

CEILING-VISIBILITY

WIND GRAPH

BIR BATON ROUGE, LA

CLASS 2 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FTH EATON ROUGE, LA

CLASS 2 / DAY

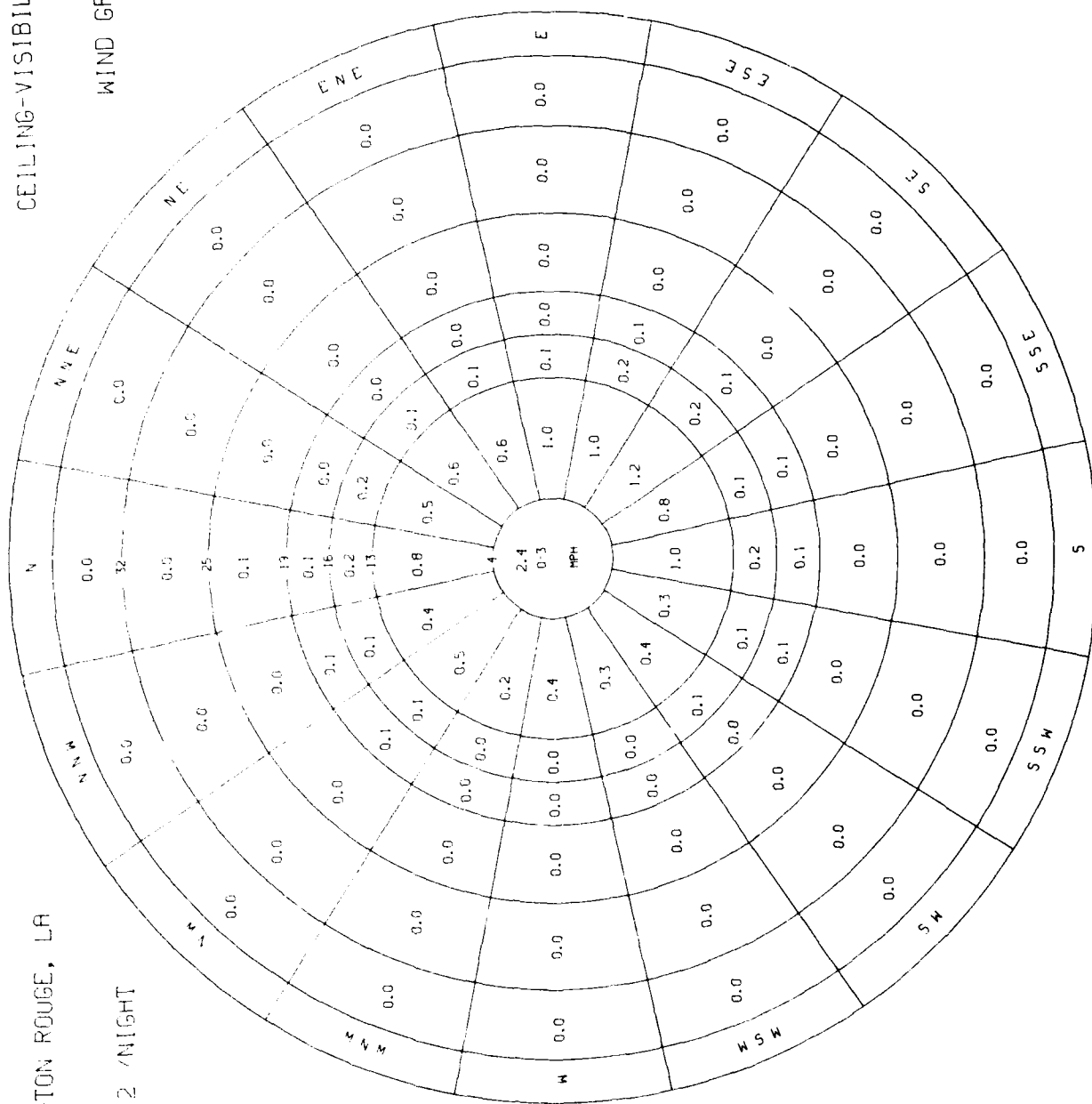
NO. OBS.: 6584

STATION NUMBER: 13470

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.5	.7	4.9	.2	1.4	.1	.8	.0	.2	.0	.0	.0	.0	1.1	7.9	10.2
NNE	.1	.6	.5	3.5	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.7	5.3	9.5
NE	.1	.9	.7	5.0	.1	.8	.0	.2	.0	.2	.0	.0	.0	.0	1.0	7.1	8.5
ENE	.1	.9	.8	5.6	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	1.0	7.4	7.8
E	.1	.6	1.1	8.0	.1	1.0	.1	.4	.0	.2	.0	.0	.0	.0	1.5	10.5	8.4
ESE	.1	.7	.9	6.3	.1	.9	.1	.4	.0	.3	.0	.0	.0	.0	1.2	8.5	8.9
SE	.1	.4	.3	6.4	.1	.9	.1	.6	.0	.2	.0	.0	.0	.0	1.2	8.6	9.6
SSE	.2	.3	.5	3.8	.1	1.0	.1	.4	.0	.2	.0	.0	.0	.0	.8	5.7	10.3
S	.2	.2	.6	4.7	.1	1.0	.1	.6	.0	.3	.0	.0	.0	.0	1.0	6.9	10.7
SSW	.0	.1	.2	1.3	.1	.5	.0	.3	.0	.1	.0	.1	.0	.0	.3	2.4	11.2
SW	.0	.2	.3	2.0	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.1	10.0
WSW	.0	.2	.3	1.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.5	8.7
W	.1	.5	.4	2.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	3.5	7.8
WNW	.0	.2	.3	2.0	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.4	2.9	9.6
NW	.0	.3	.4	2.9	.1	1.0	.1	.4	.0	.3	.0	.0	.0	.0	.7	5.0	10.6
NNW	.0	.2	.3	2.4	.1	.6	.1	.5	.0	.3	.0	.0	.0	.0	.6	4.1	11.1
CALM	1.2	8.5													1.2	8.5	
TOTAL	2.2	15.6	8.8	63.4	1.6	11.7	.8	9.9	.4	2.9	.0	.3	.0	.1	13.9	100	8.6

CEILING-VISIBILITY

WIND GRAPH



BTR BATON ROUGE, LA

CLASS 2 NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: 8TH BATON ROUGE, LA

CLASS 2 / NIGHT

NO. OBS.: 6207

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.4	.8	5.2	.2	1.5	.1	.9	.1	.3	.0	.0	.0	.0	1.3	8.3	10.6
NNE	.1	.5	.5	3.3	.2	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.8	5.2	9.7
NE	.1	.8	.6	4.0	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.9	5.9	8.6
NNE	.1	.6	.6	3.8	.1	.4	.0	.3	.0	.1	.0	.0	.0	.0	.8	5.3	8.5
E	.2	1.0	1.0	6.2	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	1.3	8.3	8.0
ESE	.1	.7	1.0	6.6	.2	1.0	.1	.5	.0	.2	.0	.0	.0	.0	1.4	9.1	9.1
SE	.1	.9	1.2	7.6	.2	1.1	.1	.7	.0	.2	.0	.0	.0	.0	1.6	10.4	9.0
SSE	.1	.4	.8	5.2	.1	.7	.1	.4	.0	.1	.0	.0	.0	.0	1.0	6.7	9.1
S	.1	.5	1.0	6.5	.2	1.4	.1	.4	.0	.1	.0	.0	.0	.0	1.4	9.0	9.8
SSW	.0	.1	.3	1.8	.1	.8	.1	.4	.0	.2	.0	.0	.0	.0	.5	3.4	11.7
SW	.0	.2	.4	2.5	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.6	3.7	10.1
WSW	.0	.1	.3	1.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.4	2.4	8.7
W	.0	.3	.4	2.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	2.9	7.7
WNW	.0	.1	.2	1.4	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.1	9.7
NW	.0	.3	.5	3.0	.1	.6	.1	.5	.0	.3	.0	.0	.0	.0	.7	4.7	10.2
NNW	.0	.2	.4	2.5	.1	.9	.1	.5	.0	.2	.0	.0	.0	.0	.7	4.3	11.2
CALM	1.3	8.4													1.3	8.4	
TOTAL	2.4	15.6	9.9	63.8	1.9	12.2	.9	6.0	.3	2.1	.0	.2	.0	.1	15.5	100	8.6

F/G 4/2

DOT-FA79WAI-057

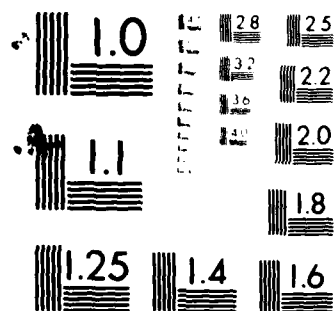
NL

2.

2

0.000000

0.000000



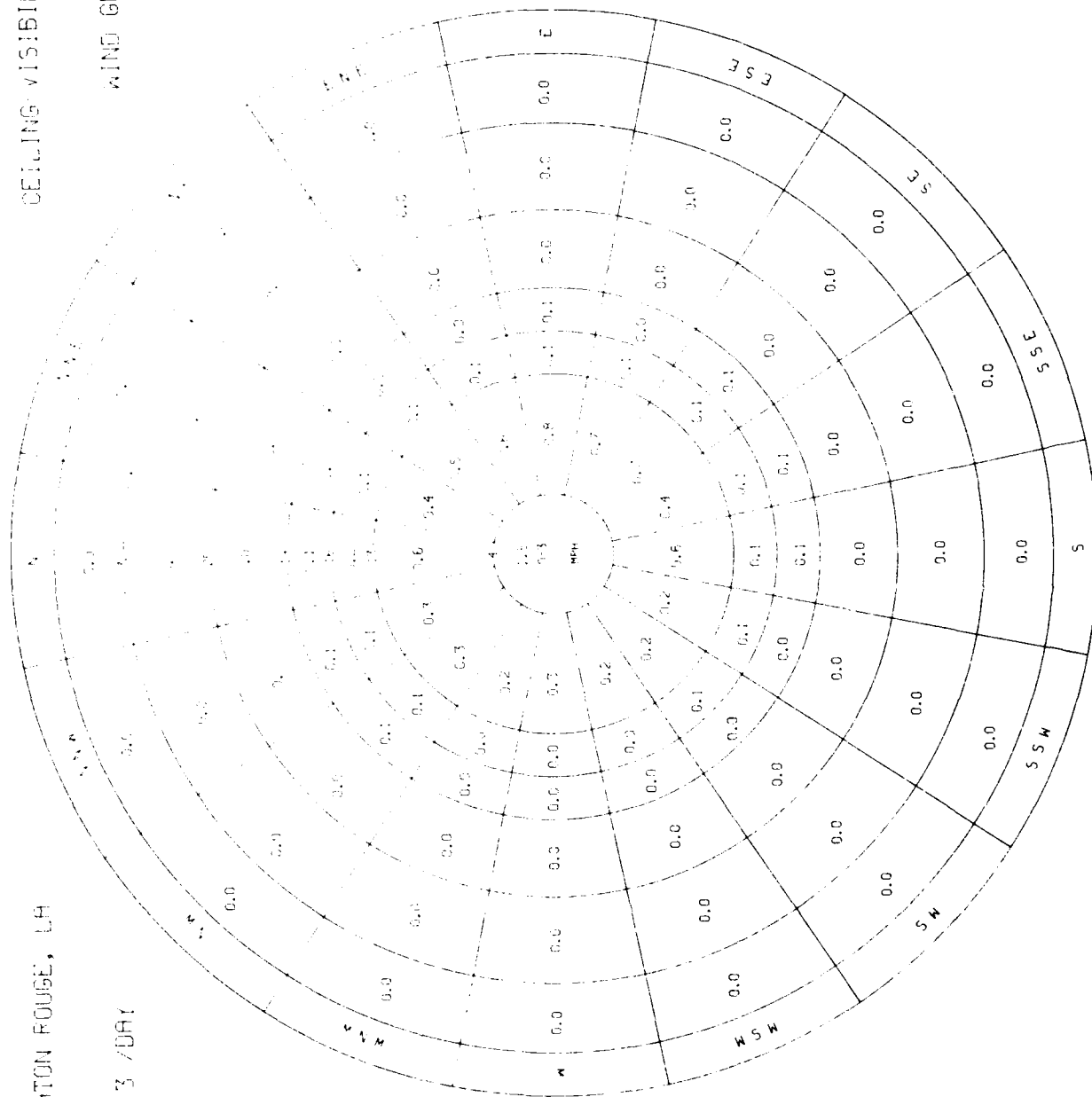
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY

WIND GRAPH

BTR BATON ROUGE, LA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BIR BATON ROUGE, LA

CLASS 3 / DAY

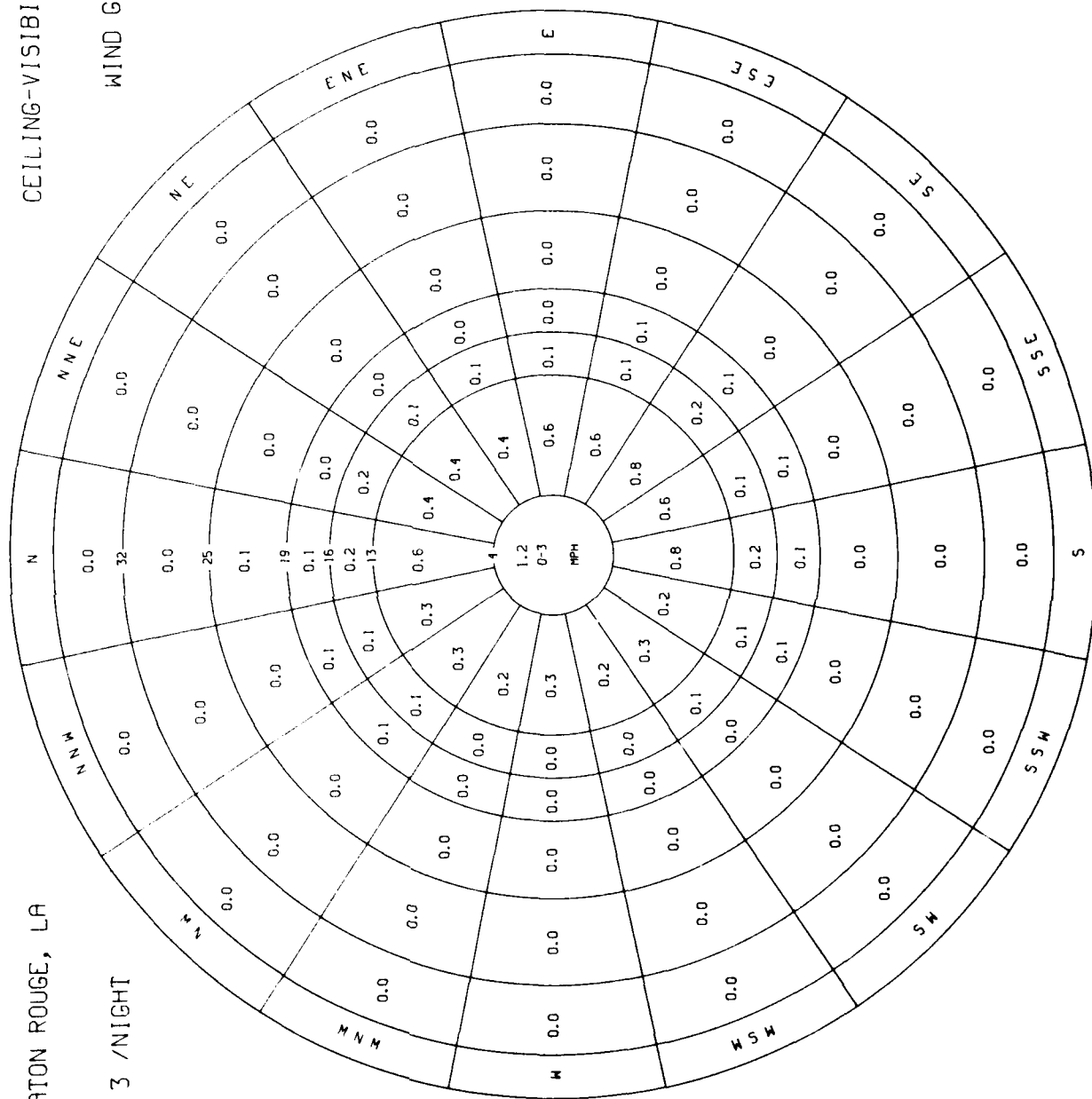
NO. OBS.: 5423

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED
	0-3			4-12			13-15			16-18			19-24			TOTAL
	A	B		A	B		A	B		A	B		A	B		
N	.0	.3		.6	5.5		.2	1.7		.1	.9		.0	.0		1.0 8.8
NNE	.1	.6		.4	3.7		.1	.9		.0	.4		.0	.0		.7 5.8
NNE	.1	.9		.5	4.7		.1	.9		.0	.3		.0	.0		.8 6.9
ENE	.1	.7		.6	5.0		.1	.7		.0	.3		.0	.0		.8 6.8
E	.1	.8		.8	7.2		.1	1.1		.1	.4		.0	.0		1.1 9.8
ESE	.1	.6		.7	5.8		.1	.9		.0	.4		.0	.0		.9 8.1
SE	.0	.3		.7	5.8		.1	1.1		.1	.8		.0	.0		.9 8.2
SSE	.0	.2		.4	3.8		.1	1.1		.1	.5		.0	.0		.7 5.8
S	.0	.2		.6	5.2		.1	1.2		.1	.7		.0	.0		.9 7.8
SSW	.0	.1		.2	1.4		.1	.6		.0	.3		.0	.0		.3 2.6
SW	.0	.2		.2	2.1		.1	.6		.0	.3		.0	.0		.4 3.3
WSW	.0	.2		.2	2.0		.0	.2		.0	.1		.0	.0		.3 2.6
W	.0	.4		.3	2.9		.0	.3		.0	.1		.0	.0		.4 3.7
NNW	.0	.2		.2	2.2		.0	.4		.0	.3		.0	.0		.4 3.2
NW	.0	.3		.3	3.0		.1	1.1		.1	.5		.0	.0		.6 5.3
NNW	.0	.2		.3	2.5		.1	.7		.1	.6		.0	.0		.5 4.3
CALM	.8	6.8														.8 6.8
TOTAL	1.5	13.1		7.2	62.7		1.5	13.6		.8	6.9		.4	3.3		11.4 100

CEILING-VISIBILITY

WIND GRAPH



BTR BATON ROUGE, LA

CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BIR BATON ROUGE, LA

CLASS 3 / NIGHT

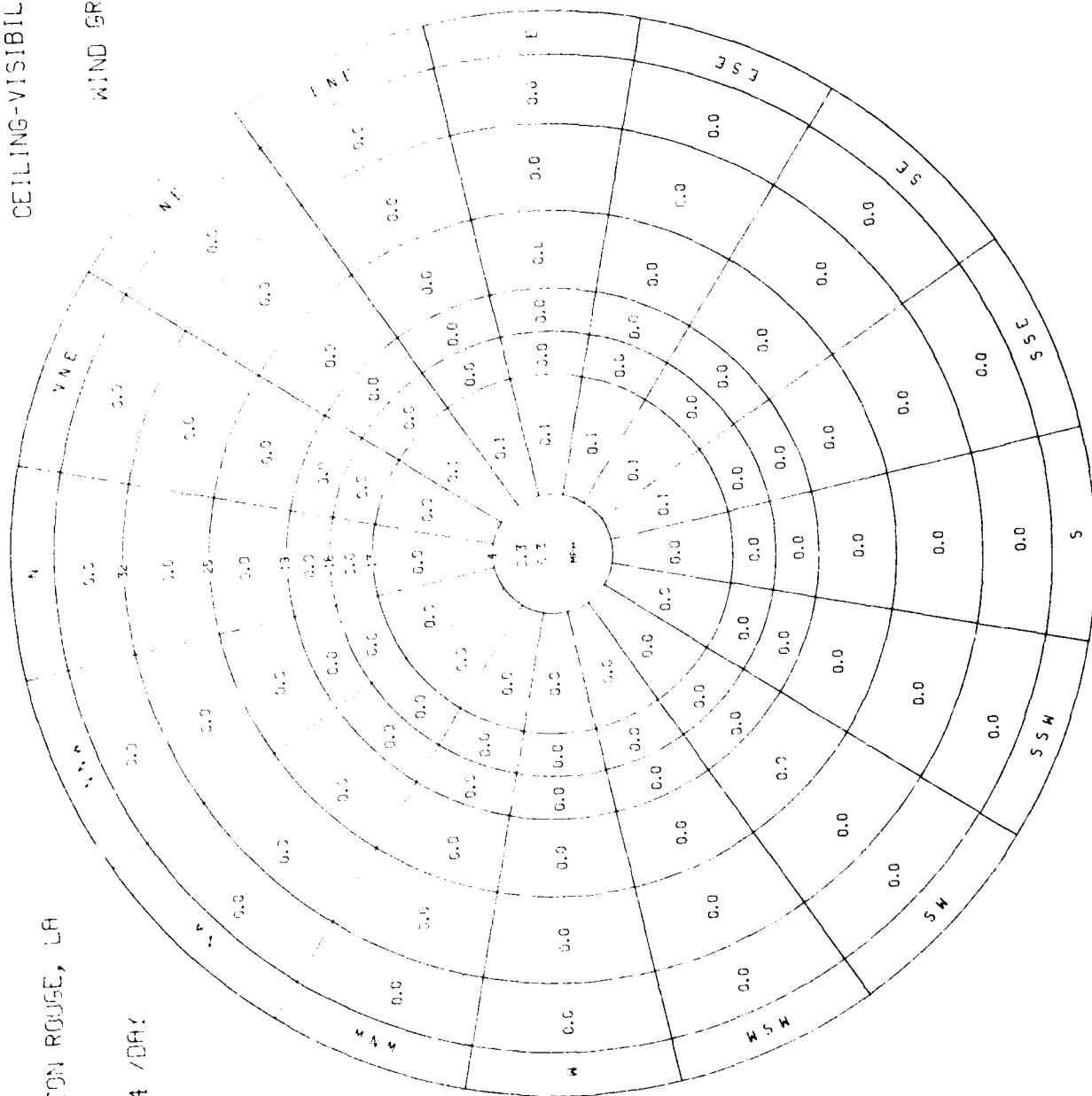
NO. OBS.: 4609

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
															A		B	C
	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.3	.6	5.4	.2	1.9	.1	1.1	.1	.5	.0	.0	.0	.0	.0	1.1	9.4	11.2
NNE	.0	.3	.4	3.7	.2	1.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.7	5.8	10.4
NNE	.1	.7	.4	3.9	.1	.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.7	5.9	9.4
ENE	.1	.5	.4	3.8	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.6	5.4	9.1
E	.1	.6	.6	5.1	.1	.8	.0	.3	.0	.2	.0	.1	.0	.0	.0	.8	7.0	9.1
ESE	.0	.4	.6	5.2	.1	1.2	.1	.6	.0	.3	.0	.1	.0	.0	.0	.9	7.8	10.1
SE	.1	.6	.8	6.7	.2	1.4	.1	.8	.0	.2	.0	.0	.0	.0	.0	1.1	9.7	9.9
SSE	.0	.3	.6	5.5	.1	.9	.1	.5	.0	.1	.0	.0	.0	.0	.0	.8	7.3	9.6
S	.1	.6	.8	7.1	.2	1.8	.1	.5	.0	.2	.0	.0	.0	.0	.0	1.2	10.2	10.1
SSH	.0	.1	.2	2.1	.1	1.1	.1	.5	.0	.3	.0	.0	.0	.0	.0	.5	4.1	12.2
SW	.0	.2	.3	2.9	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.5	4.4	10.5
WSW	.0	.1	.2	2.1	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.3	2.7	9.1
W	.0	.2	.3	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	2.8	8.3
WNW	.0	.1	.2	1.5	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	2.3	10.3
NW	.0	.3	.3	2.9	.1	.7	.1	.6	.0	.3	.0	.0	.0	.0	.0	.5	4.8	10.9
NNW	.0	.2	.3	2.8	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.0	.6	5.0	11.6
CALM	.6	5.4														.6	5.4	
TOTAL	1.2	10.7	7.2	63.0	1.8	15.4	.9	7.8	.3	2.7	.0	.3	.0	.1	11.5	100		9.6

CEILING-VISIBILITY

WIND GRAPH



BTR BATON ROUGE, LA

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

CLASS 4 / DAY

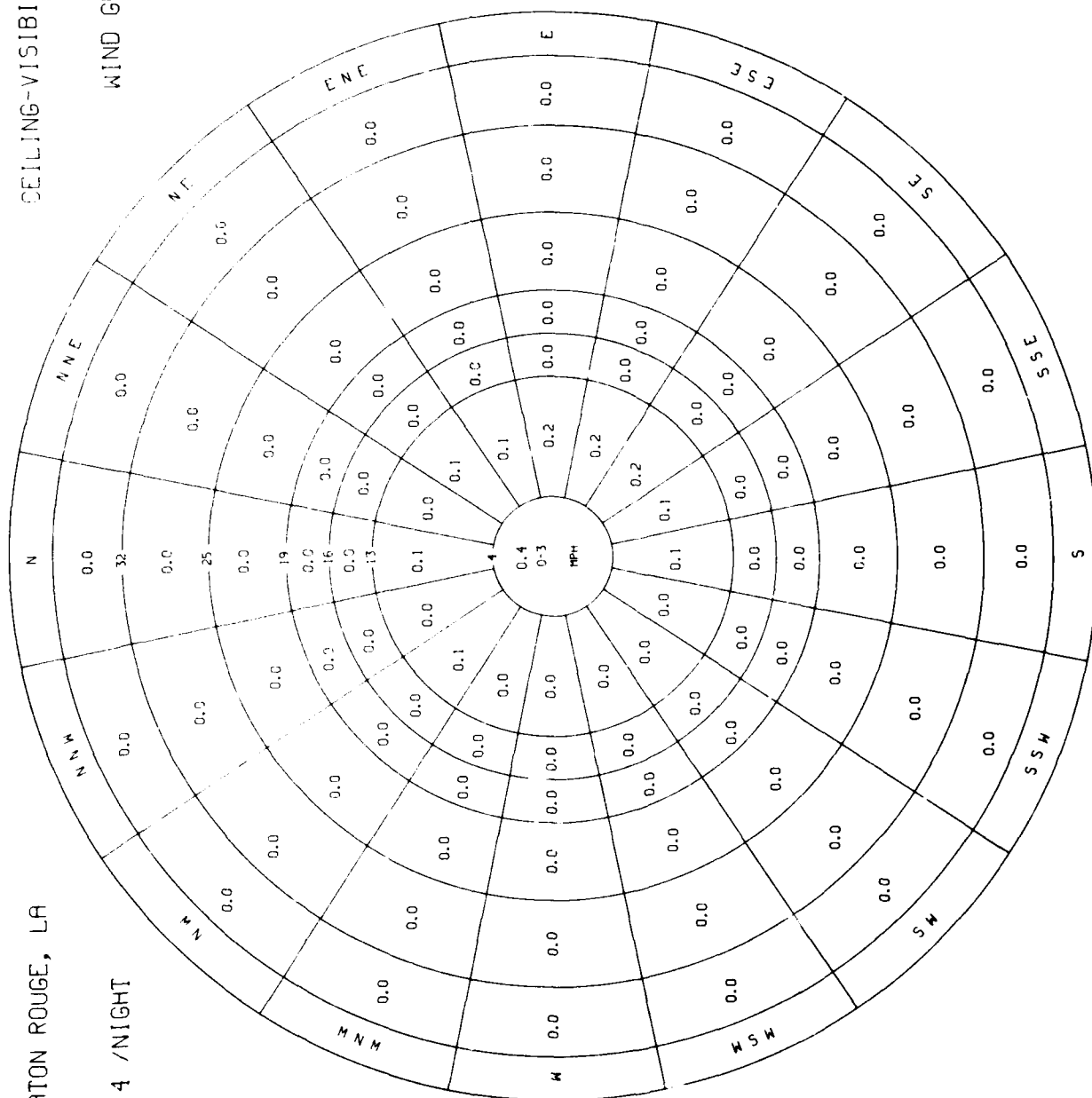
NO. OBS.: 665

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.9	.0	3.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.1 4.7
NNE	.0	.5	.0	2.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.6
NE	.0	1.2	.1	6.5	.0	.3	.0	.3	.0	.2	.0	.3	.0	.0	.1 8.7
ENE	.0	1.1	.1	7.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.6
E	.0	.8	.1	9.3	.0	.5	.0	.2	.0	.2	.0	.0	.0	.0	.2 10.8
ESE	.0	1.5	.1	8.3	.0	1.1	.0	.3	.0	.0	.0	.0	.0	.0	.2 11.1
SE	.0	.6	.1	9.8	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.2 11.0
SSE	.0	.8	.1	4.2	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.1 5.4
S	.0	.3	.0	2.9	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.1 3.6
SSW	.0	.0	.0	1.1	.0	.5	.0	.0	.0	.2	.0	.2	.0	.0	.0 1.8
SW	.0	.5	.0	1.4	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0 2.3
WSW	.0	.2	.0	1.7	.0	.2	.0	.0	.0	.2	.0	.2	.0	.0	.0 2.3
W	.0	.9	.0	2.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0 3.3
WNW	.0	.5	.0	1.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	.0 2.4
NW	.0	.8	.0	2.7	.0	.2	.0	.5	.0	.2	.0	.0	.0	.0	.1 4.2
NNW	.0	.5	.0	2.9	.0	.3	.0	.5	.0	.2	.0	.0	.0	.0	.1 4.2
CALM	.2	12.0													.2 12.0
TOTAL	.3	22.7	.9	67.7	.1	5.0	.0	2.4	.0	1.5	.0	.6	.0	.2	1.4 100
															6.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BTR BATON ROUGE, LA

PERIOD: 1949-1978

CLASS 4 / NIGHT

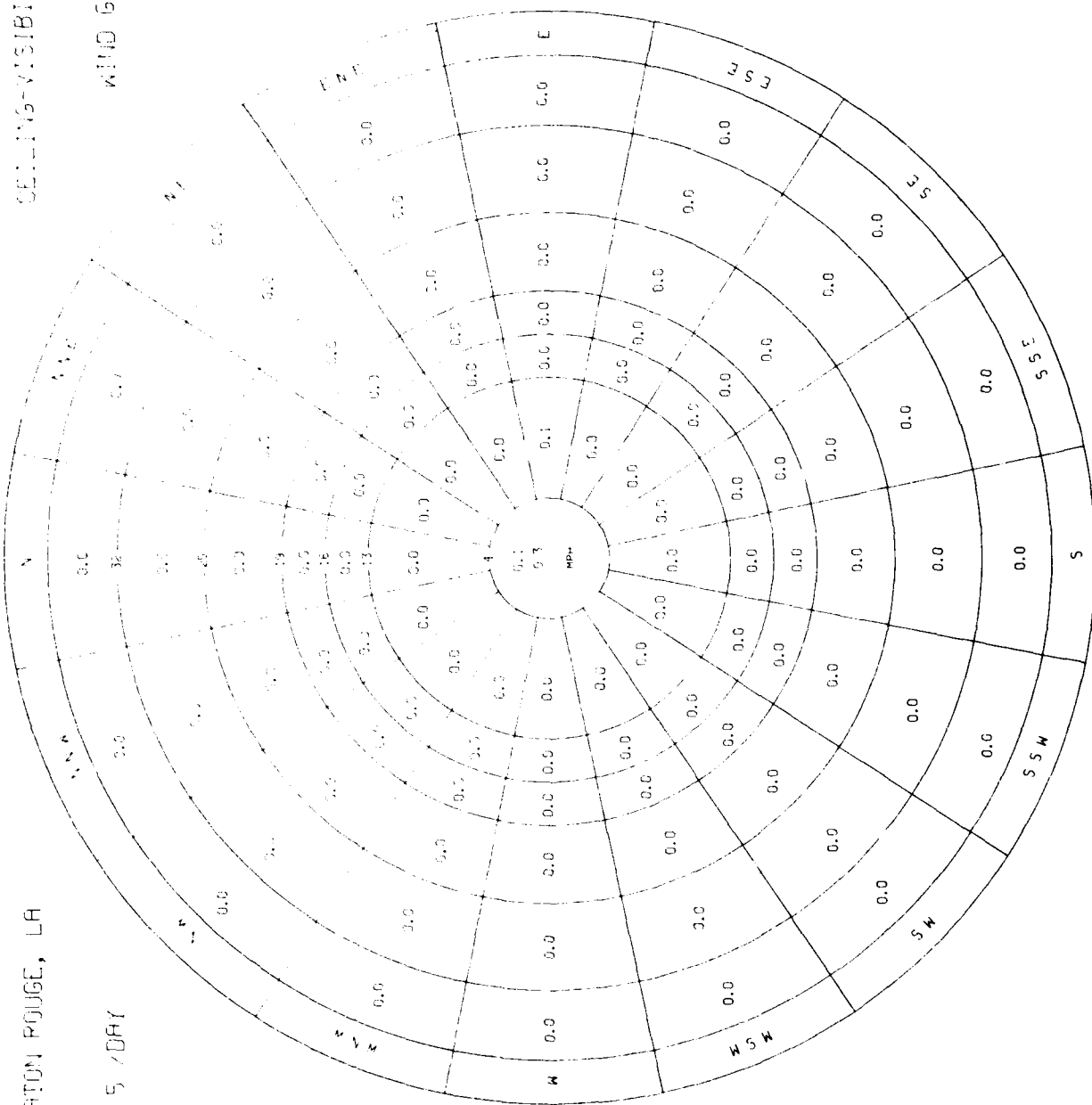
STATION NUMBER: 13970

NO. OBS.: 837

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.6	.1	6.2	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	7.6	8.1
NNE	.0	.5	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	7.0
NE	.0	1.1	.1	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	6.5
ENE	.0	.7	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	4.9	7.8
E	.0	1.0	.2	8.4	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	9.8	6.8
ESE	.0	1.0	.2	11.9	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.3	13.7	8.2
SE	.0	1.0	.2	10.5	.0	.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.3	12.5	8.2
SSE	.0	.6	.1	4.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	7.6
S	.0	.4	.1	4.9	.0	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	5.9	8.8
SSW	.0	.2	.0	1.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.6	8.2
SW	.0	.4	.0	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.9
WSW	.0	.1	.0	1.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.4
W	.0	.2	.0	2.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	2.7	6.7
WNW	.0	.1	.0	1.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	8.1
NW	.0	.5	.1	4.3	.0	.6	.0	.1	.0	.2	.0	.0	.0	.0	.0	.1	5.7	9.1
NNW	.0	.2	.0	2.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	9.0
CALM	.2	11.6														.2	11.6	
TOTAL	.4	20.1	1.5	72.9	.1	5.0	.0	1.1	.0	.8	.0	.0	.0	.1	.1	21	100	6.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BIR BATON ROUGE, LA

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 13970

NO. OBS.: 182

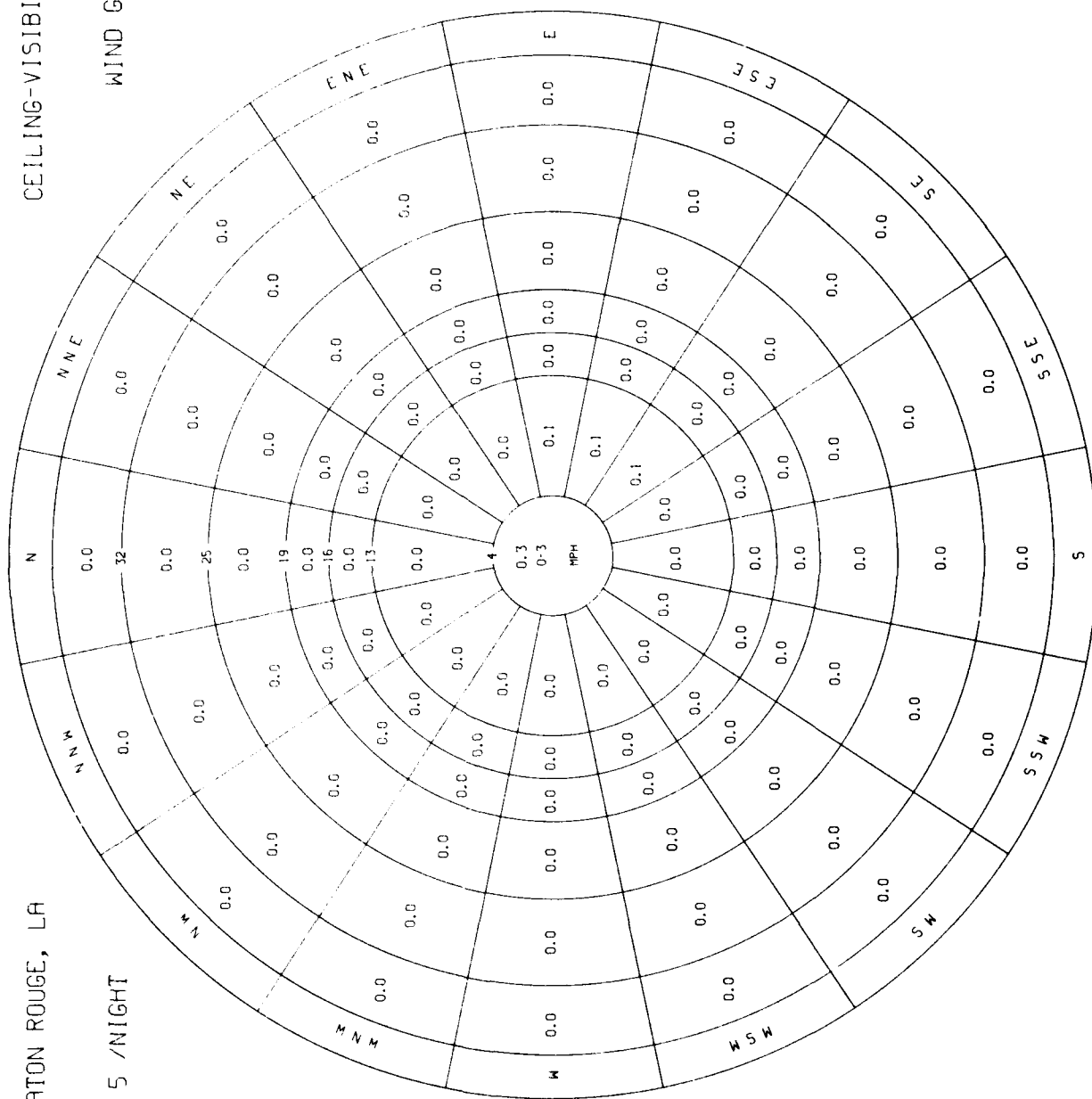
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.7
NNE	.0	1.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
NE	.0	1.1	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
ENE	.0	2.2	.0	10.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.6	5.3
E	.0	2.7	.1	19.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	22.0	6.0
ESE	.0	.5	.0	7.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	6.7
SE	.0	1.6	.0	7.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.8
SSE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.2
S	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.5
SSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.0
SW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.7
WSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
W	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.5
WNW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.7
NW	.0	.0	.0	2.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.3
NNW	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.7
CALM	.1	15.9													.1	15.9	
TOTAL	.1	28.6	.3	69.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.4	100	5.1

CEILING-VISIBILITY:

WIND GRAPH

BTR BATON ROUGE, LA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

CLASS: 5 / NIGHT

NO. OBS.: 312

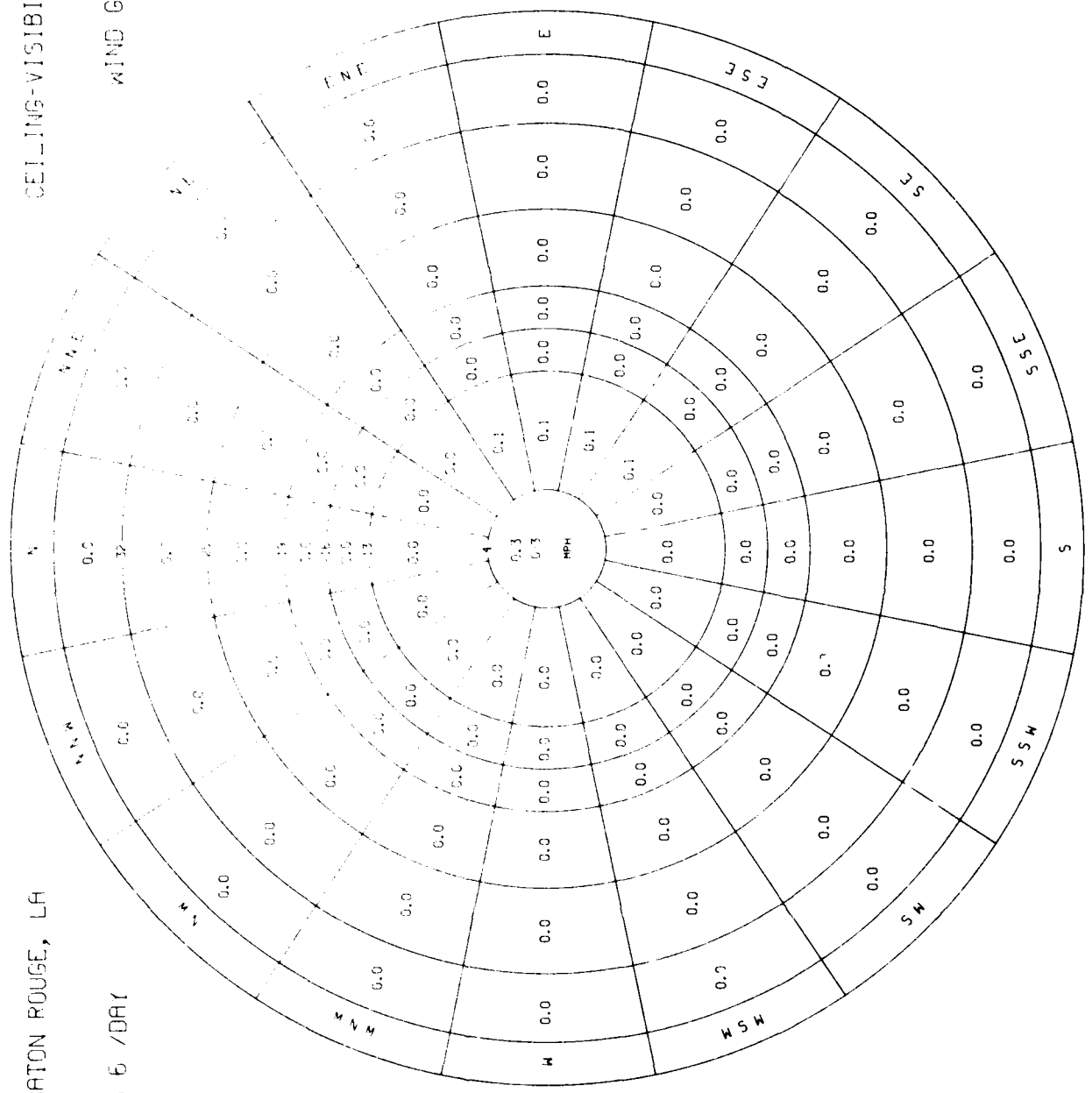
STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
NNE	.0	.3	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.5
NNE	.0	1.6	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.4
ENE	.0	1.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	5.6
E	.0	4.2	.1	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.8	7.2
ESE	.0	1.6	.1	10.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	6.0
SE	.0	2.9	.1	10.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.3
SSE	.0	.6	.0	4.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.6
S	.0	1.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.3
SSW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.3
SW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.0
WSW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.1
W	.0	.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.8
WNW	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.2
NW	.0	1.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	6.6
NNW	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.3
CALM	.1	16.7			.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0		
TOTAL	.3	33.3	.5	64.7	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0		

CEILING-VISIBILITY
WIND GRAPH

BTR BATON ROUGE, LA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

CLASS 6 / DAY

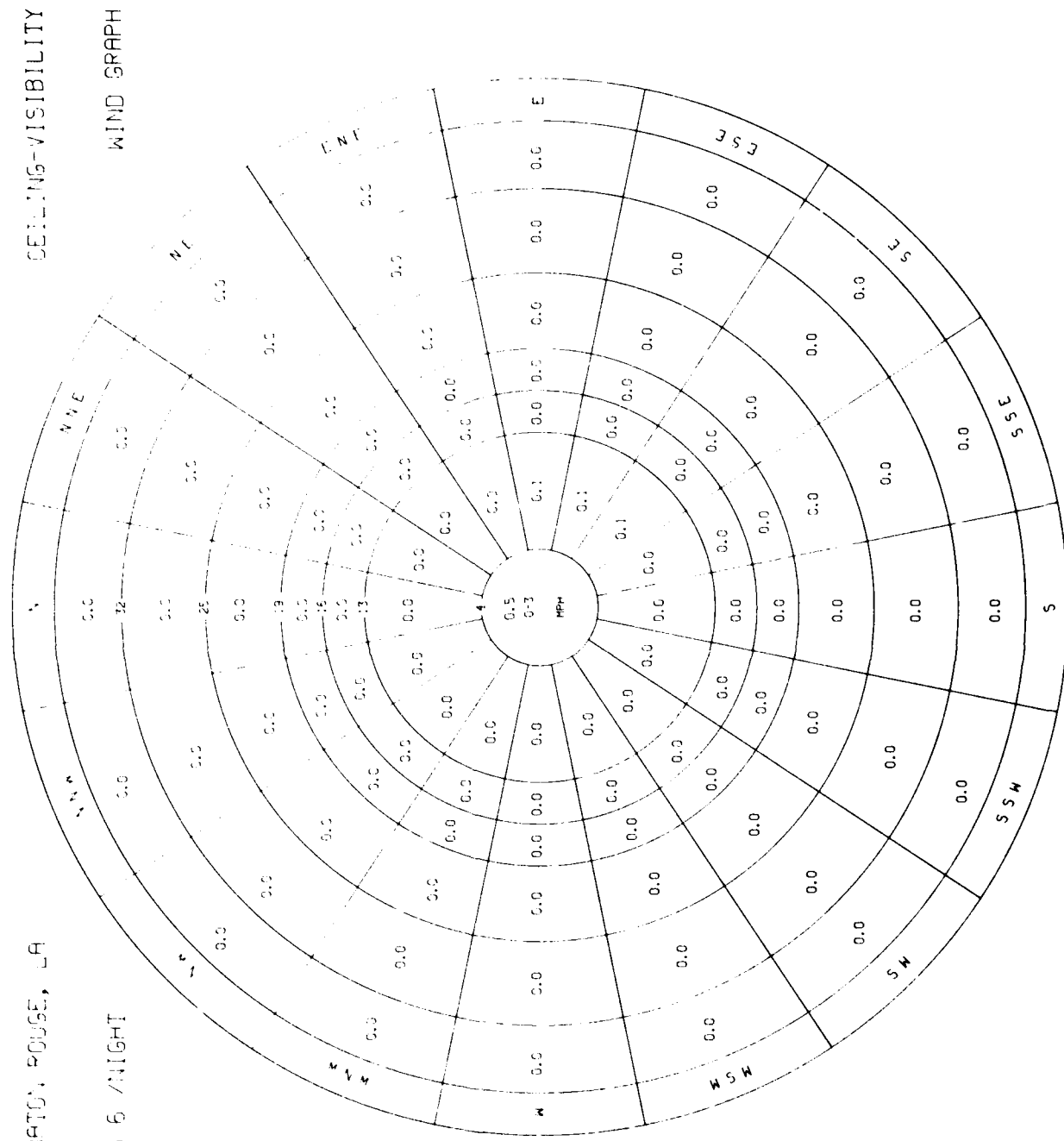
NO. OBS.: 314

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
NNE	.0	.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
NE	.0	1.3	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
ENE	.0	2.2	.1	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7
E	.0	2.9	.1	12.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6
ESE	.0	1.3	.1	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5
SE	.0	.6	.1	9.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	10.5
SSE	.0	.6	.0	3.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.8
S	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SSW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
SW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
W	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
WNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
NW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNW	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
CALM	.2	25.2													25.2
TOTAL	.3	37.9	.4	61.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	70.0
															4.3

BTP BATON ROUGE, LA

CLASS 6 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BTR BATON ROUGE, LA

PERIOD: 1949-1978

CLASS 6 / NIGHT

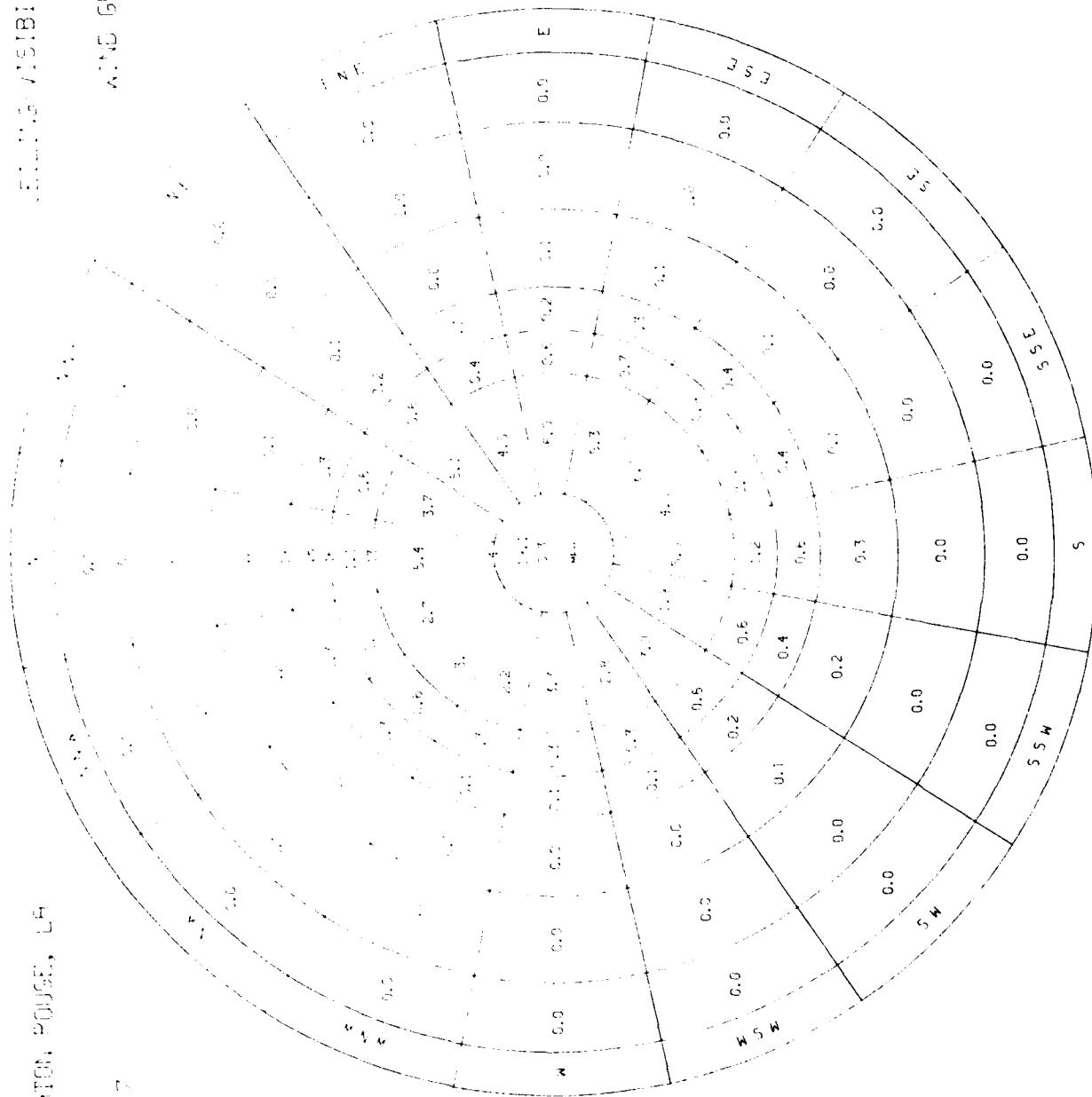
STATION NUMBER: 13970

NO. OBS.: 449

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
NNE	.0	2.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
NE	.0	1.6	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
ENE	.0	1.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
E	.0	3.8	.1	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6
ESE	.0	2.9	.1	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9
SE	.0	2.0	.1	8.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9
SSE	.0	.7	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
S	.0	.4	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
SSW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
SW	.0	.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
WSW	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
W	.0	.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
WNW	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
NW	.0	.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
NNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
CALM	.3	27.6													27.6
TOTAL	.5	45.0	.6	55.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
															100
															4.1

RELATIVE VISIBILITY

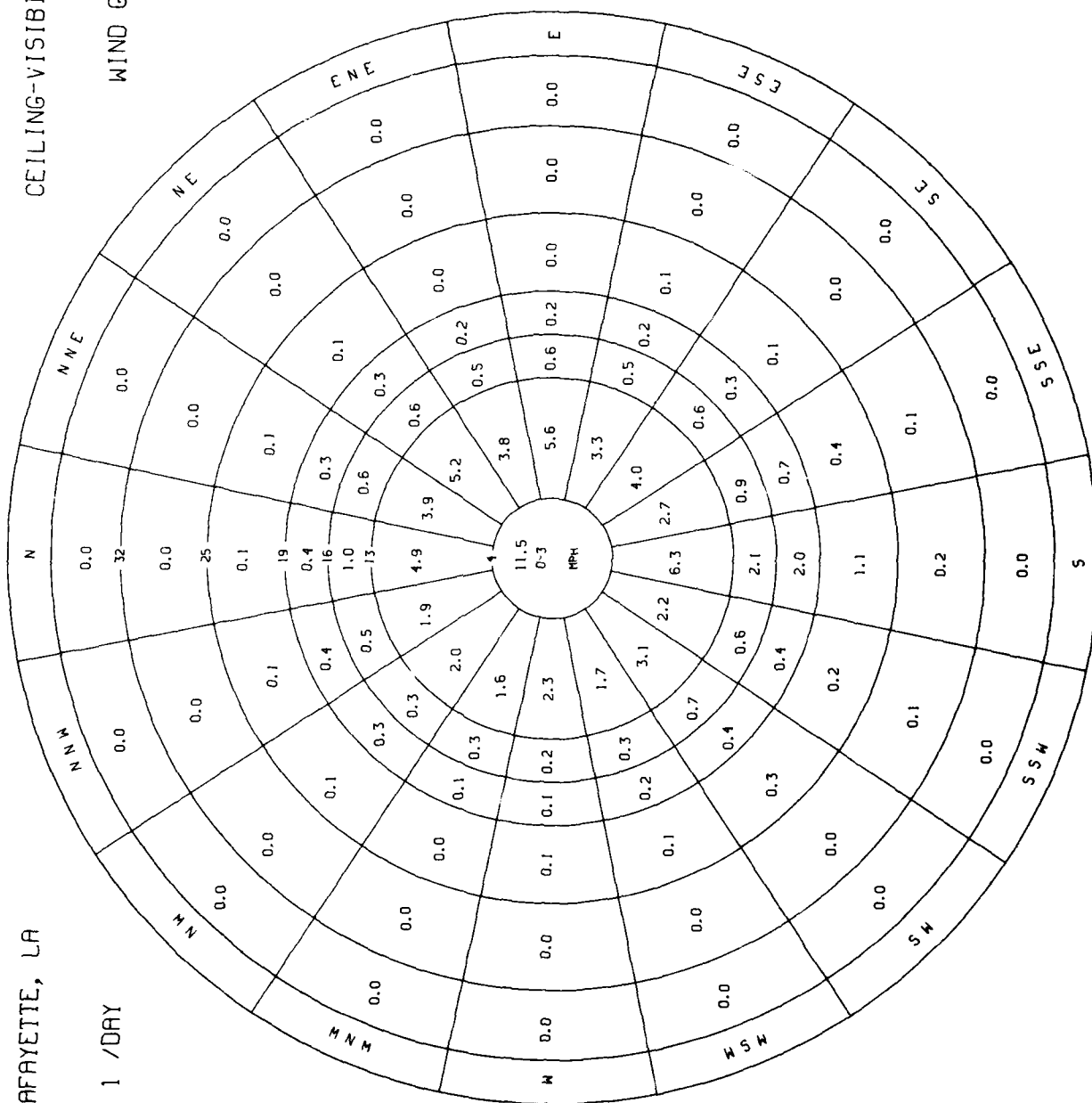
WIND GRAPH



BTP BATON ROUGE, LA

100000

LFT LAFAYETTE, LA
 CLASS 1 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



PRECEDING PAGE BLANK-NOT FILL

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 1 / DAY

NO. OBS.: 20842

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.6	.6	4.9	5.6	1.0	1.1	.4	.5	.1	.2	.0	.0	.0	.0	6.9 8.1
NNE	.3	.4	3.9	4.6	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	5.3 6.2
N	.9	1.0	5.2	6.0	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	7.0 8.1
ENE	.3	.4	3.8	4.5	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	4.9 5.6
E	.9	1.0	5.6	6.6	.6	.7	.2	.2	.0	.0	.0	.0	.0	.0	7.3 8.5
ESE	.4	.4	3.3	3.9	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	4.4 5.1
SE	.7	.8	4.0	4.6	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	5.7 6.6
SSE	.2	.2	2.7	3.1	.9	1.0	.7	.8	.4	.4	.1	.1	.0	.0	4.9 5.7
S	.6	.7	6.3	7.4	2.1	2.4	2.0	2.4	1.1	1.2	.2	.3	.0	.0	12.4 14.4
SSW	.2	.3	2.2	2.6	.6	.7	.4	.4	.2	.2	.1	.1	.0	.0	3.6 4.2
SW	.5	.6	3.1	3.6	.7	.8	.4	.5	.3	.3	.0	.1	.0	.0	5.1 5.9
WSW	.1	.2	1.7	2.0	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.5 2.9
W	.3	.4	2.3	2.7	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	3.1 3.6
WNW	.1	.2	1.6	1.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.1 2.5
NW	.3	.3	2.0	2.4	.3	.4	.3	.4	.1	.1	.0	.0	.0	.0	3.1 3.5
NNW	.2	.3	1.9	2.2	.5	.5	.4	.4	.1	.1	.0	.0	.0	.0	3.1 3.6
CALM	4.8	5.5													4.8 5.5
TOTAL	11.5	13.4	54.6	63.4	10.1	11.8	6.6	7.7	2.8	3.2	.4	.5	.0	.0	86.2 100

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 1 / NIGHT

NO. OBS.: 16222

STATION NUMBER: 13976

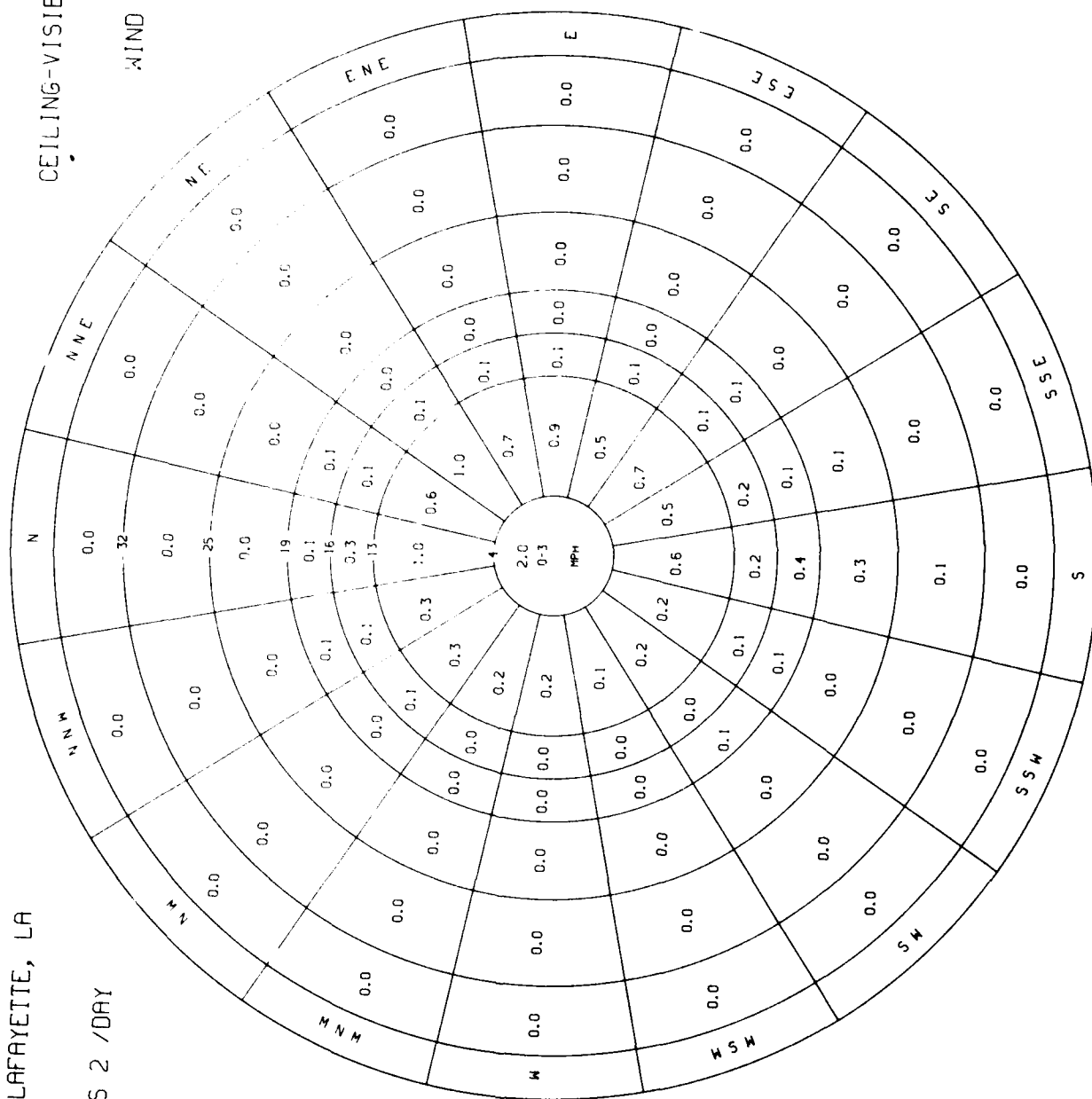
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.8	1.0	4.7	5.7	.5	.6	.4	.4	.1	.1	.0	.0	.0	.0	6.5	7.8	8.3
NNE	.4	.5	4.2	5.1	.4	.5	.2	.3	.0	.0	.0	.0	.0	.0	5.4	6.5	8.3
NE	1.2	1.5	5.3	6.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.9	8.3	6.8
ENE	.5	.6	2.5	3.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.2	3.9	6.9
E	1.4	1.7	4.5	5.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.2	7.5	6.5
ESE	.5	.7	3.3	3.9	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.2	5.0	7.5
SE	1.2	1.4	4.7	5.7	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	6.7	8.0	7.7
SSE	.4	.5	3.4	4.1	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	4.5	5.4	8.4
S	1.2	1.5	6.3	7.6	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	8.3	10.1	7.6
SSW	.4	.5	2.2	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.4	7.0
SW	1.0	1.2	2.3	2.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.1	5.9
WSW	.4	.5	1.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.1	6.7
W	.5	.6	1.6	1.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.7	6.6
WNW	.3	.3	1.3	1.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.8	2.2	7.4
NW	.5	.6	1.9	2.3	.2	.2	.1	.2	.0	.1	.0	.0	.0	.0	2.7	3.3	7.9
NNW	.2	.2	2.0	2.4	.3	.3	.2	.3	.1	.1	.0	.0	.0	.0	2.8	3.3	9.4
CALM	13.5	16.3													13.5	16.3	
TOTAL	24.6	29.7	51.5	62.2	3.9	4.8	2.2	2.6	.5	.6	.0	.0	.0	.0	82.8	100	6.2

LFT LAFAYETTE, LA

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

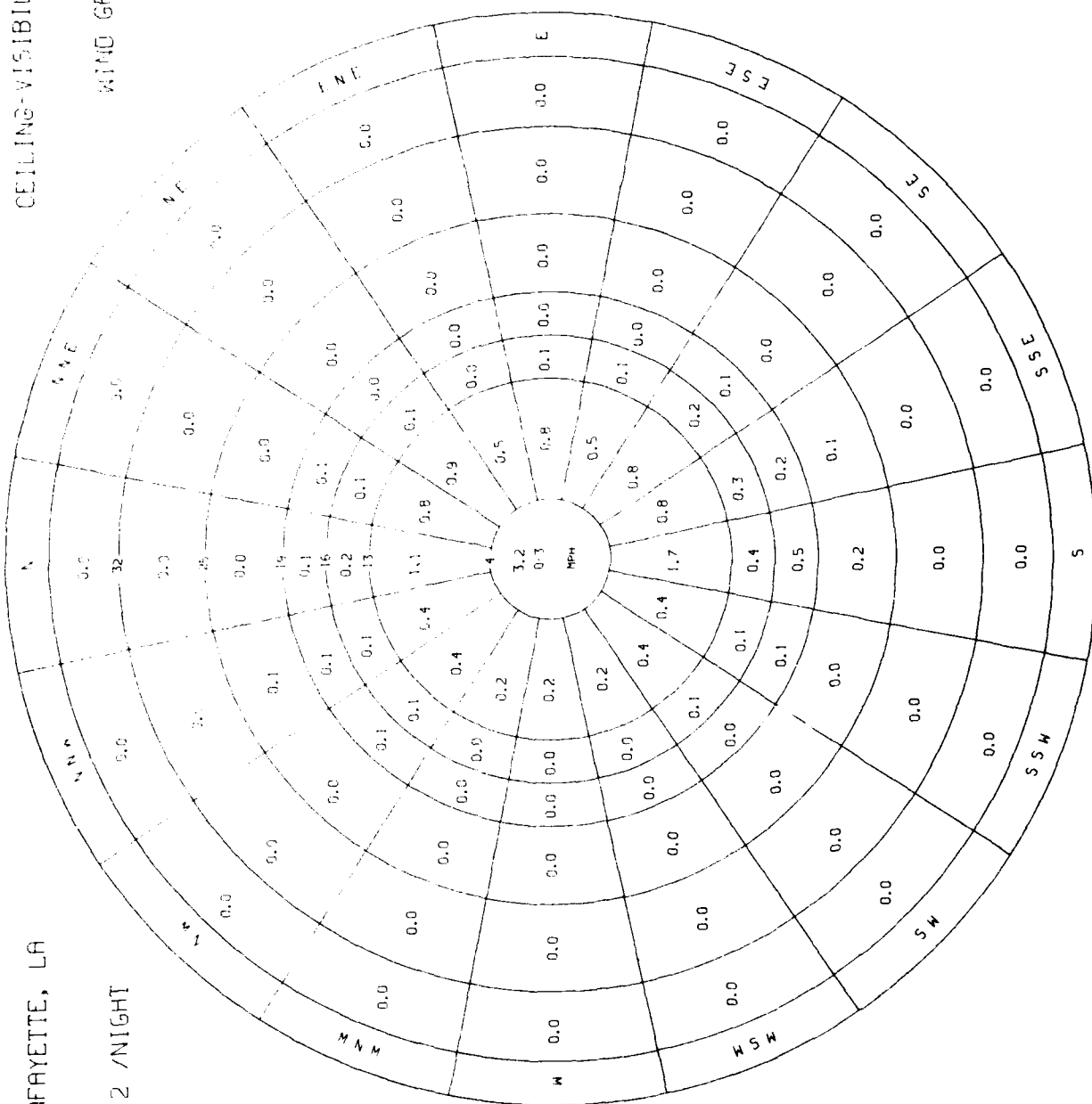
CLASS 2 / DAY

NO. OBS.: 3347

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.8	1.0	7.1	.3	1.8	.1	1.0	.0	.4	.0	.0	.0	.0	1.5 11.1
NNE	.1	.5	.6	4.5	.1	1.0	.1	.7	.0	.2	.0	.0	.0	.0	1.0 7.0
NE	.2	1.3	1.0	7.5	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	1.4 9.9
ENE	.1	.5	.7	4.8	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.9 6.2
E	.2	1.4	.9	6.4	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	1.2 9.0
ESE	.0	.2	.5	3.7	.1	.6	.0	.3	.0	.2	.0	.0	.0	.0	.7 5.0
SE	.1	.7	.7	4.8	.1	.7	.1	.6	.0	.2	.0	.1	.0	.0	1.2 7.1
SSE	.0	.1	.5	3.5	.2	1.2	.1	1.1	.1	.8	.0	.3	.0	.1	1.0 7.0
S	.0	.3	.6	4.5	.2	1.7	.4	2.5	.3	2.4	.1	.5	.0	.2	1.7 12.2
SSW	.0	.1	.2	1.2	.1	.7	.1	.5	.0	.2	.0	.1	.0	.0	.4 2.8
SW	.0	.3	.2	1.6	.0	.3	.1	.4	.0	.3	.0	.0	.0	.0	.4 2.9
WSW	.0	.1	.1	1.0	.0	.3	.0	.3	.0	.1	.0	.1	.0	.0	.3 1.8
W	.0	.2	.2	1.5	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.3 2.2
WNW	.0	.1	.2	1.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.2 1.5
NW	.0	.2	.3	1.9	.1	.4	.0	.4	.0	.1	.0	.1	.0	.0	.4 3.0
NNW	.0	.2	.3	2.1	.1	.8	.1	.7	.0	.2	.0	.1	.0	.0	.6 4.0
CALM	1.0	7.2													1.0 7.2
TOTAL	2.0	14.2	7.9	57.1	1.7	12.1	1.3	9.4	.8	5.5	.2	1.3	.0	.4	13.8 100

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LITTLE ROCK, AR

PERIOD: 1949-1978

CLASS 2 / NIGHT

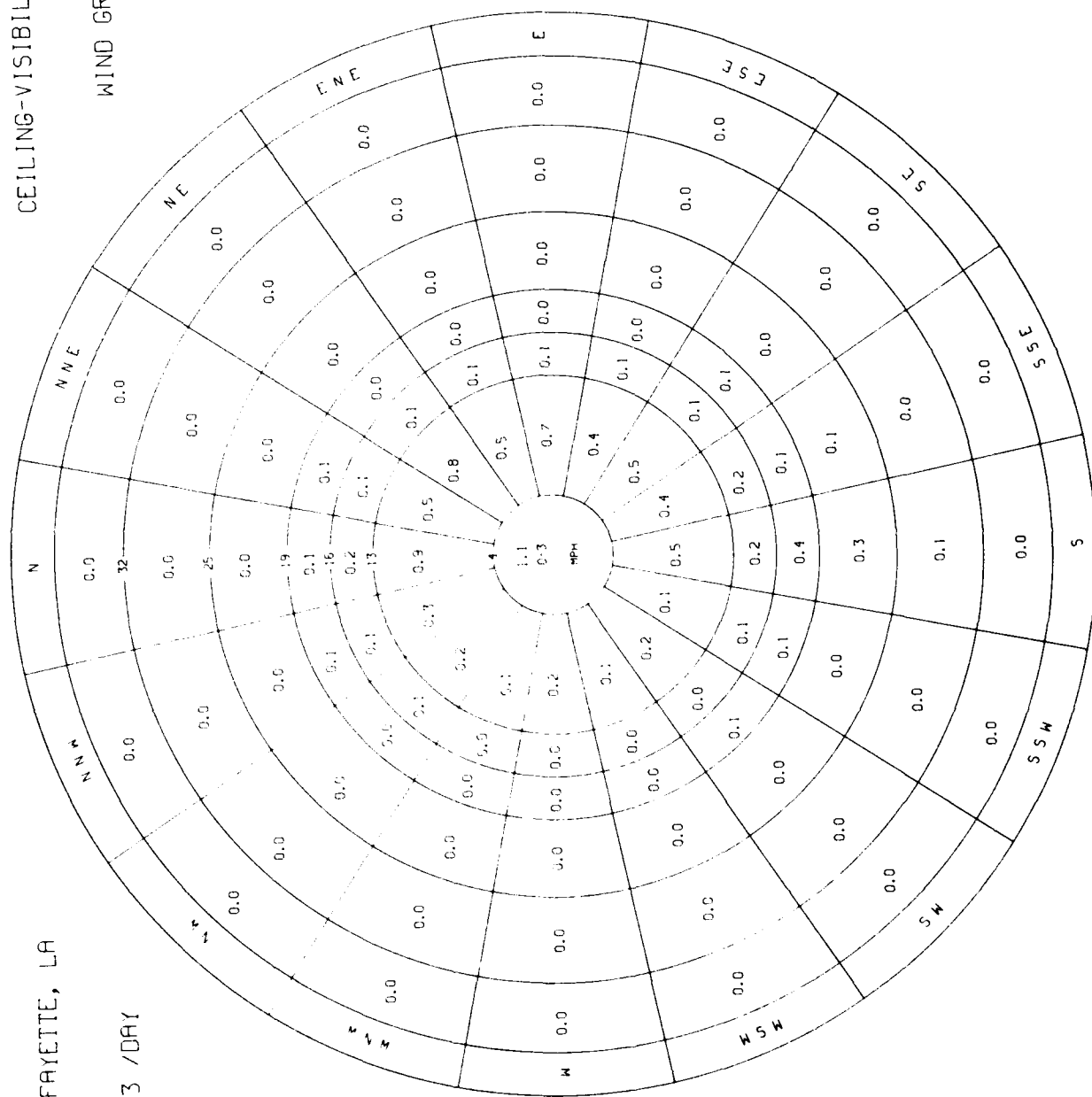
NO. OBS.: 3373

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.6	1.1	6.4	.2	1.4	.1	.7	.0	.1	.0	.0	.0	.0	1.6	9.3	10.1
NNE	.0	.3	.8	4.6	.1	.6	.1	.4	.0	.0	.0	.0	.0	.0	1.0	5.9	9.5
NE	.2	.9	.9	5.0	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	1.2	6.8	8.2
ENE	.1	.5	.5	3.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.6	3.8	7.6
E	.2	1.4	.8	4.8	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	1.2	7.1	7.8
ESE	.1	.3	.5	2.9	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.7	4.1	8.9
SE	.2	1.0	.8	4.7	.2	1.2	.1	.4	.0	.1	.0	.0	.0	.0	1.3	7.4	9.1
SSE	.0	.2	.8	4.6	.3	1.5	.2	1.2	.1	.6	.0	.1	.0	.0	1.4	8.3	11.8
S	.1	.8	1.7	9.9	.4	2.2	.5	2.7	.2	1.3	.0	.1	.0	.0	2.9	17.0	11.5
SSW	.1	.4	.4	2.6	.1	.4	.1	.4	.0	.1	.0	.0	.0	.0	.7	3.9	9.1
SW	.1	.5	.4	2.1	.1	.6	.0	.2	.0	.2	.0	.0	.0	.0	.6	3.6	9.0
WSW	.0	.2	.2	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.5	9.4
W	.1	.4	.2	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.4	2.1	8.8
WNW	.0	.1	.2	1.0	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.3	1.6	9.9
NW	.0	.3	.4	2.1	.1	.6	.1	.5	.0	.1	.0	.0	.0	.0	.6	3.5	10.3
NNW	.0	.2	.4	2.1	.1	.6	.1	.7	.1	.4	.0	.1	.0	.0	.7	4.0	12.1
CALM	1.8	10.3													1.8	10.3	
TOTAL	3.2	18.4	10.0	58.3	2.0	11.4	1.4	8.1	.6	3.4	.1	.4	.0	.1	17.2	100	8.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 3 / DAY

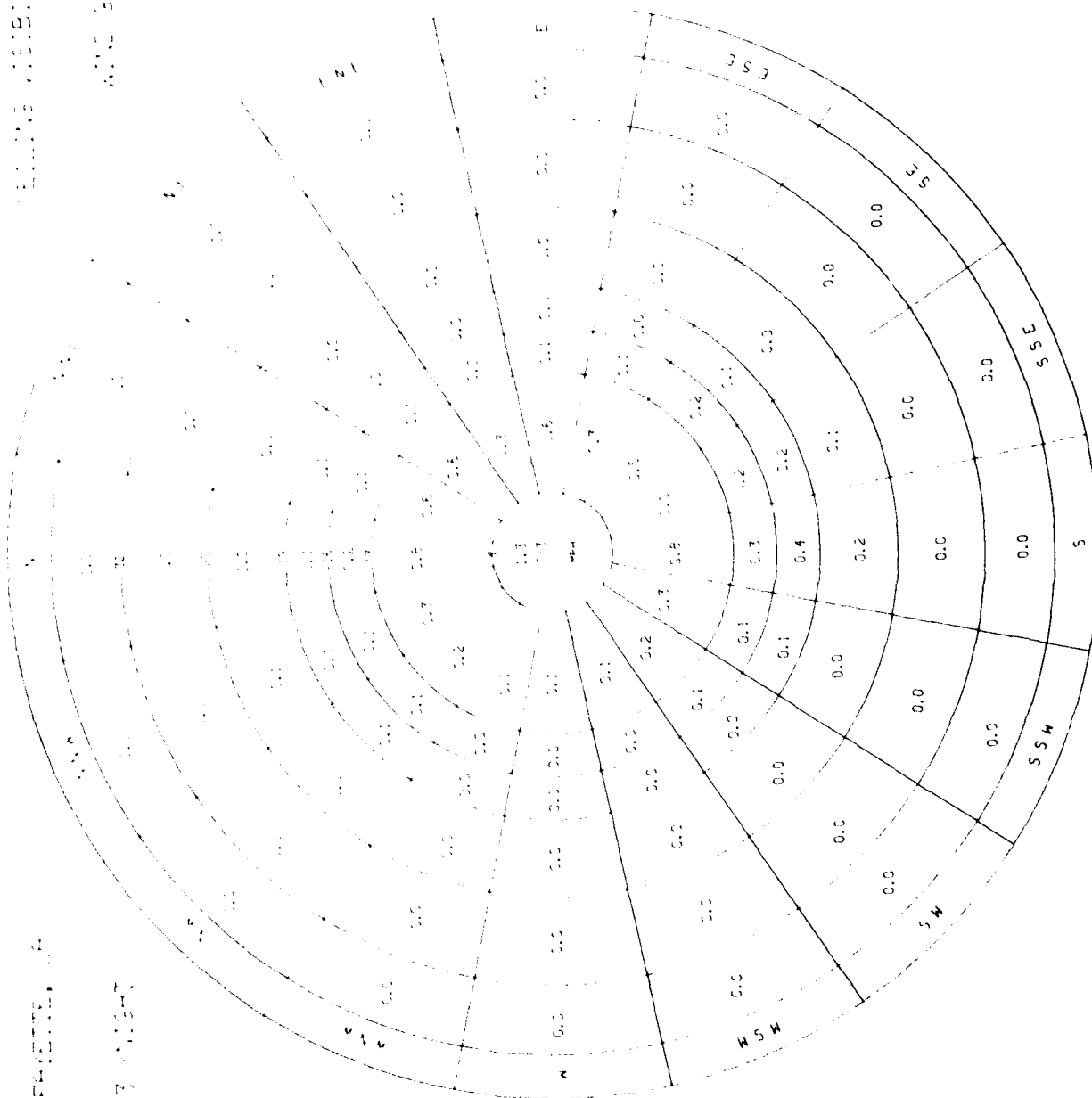
NO. OBS.: 2693

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.8	.9	7.7	.2	2.0	.1	1.2	.0	.4	.0	.0	.0	.0	1.4	12.2	10.6
NNE	.0	.4	.5	4.2	.1	1.2	.1	.9	.0	.3	.0	.0	.0	.0	.8	7.0	10.7
NE	.1	.9	.8	7.2	.1	1.0	.0	.2	.0	.1	.0	.0	.0	.0	1.0	9.3	8.9
ENE	.0	.3	.5	4.5	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.6	5.8	8.8
E	.1	1.0	.7	5.9	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.9	8.2	8.7
ESE	.0	.1	.4	3.5	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.6	5.0	10.4
SE	.1	.7	.5	4.6	.1	.8	.1	.6	.0	.3	.0	.1	.0	.0	.8	7.0	10.3
SSE	.0	.1	.4	3.3	.2	1.4	.1	1.2	.1	1.0	.0	.3	.0	.0	.8	7.3	14.1
S	.0	.1	.5	4.7	.2	2.0	.4	3.2	.3	2.9	.1	.7	.0	.3	1.5	13.8	15.8
SSW	.0	.1	.1	1.2	.1	.8	.1	.6	.0	.3	.0	.1	.0	.0	.3	3.0	13.5
SW	.0	.3	.2	1.6	.0	.3	.1	.5	.0	.4	.0	.0	.0	.0	.3	3.1	12.3
WSW	.0	.1	.1	1.0	.0	.4	.0	.3	.0	.1	.0	.1	.0	.0	.2	2.1	11.7
W	.0	.2	.2	1.6	.0	.5	.0	.2	.0	.2	.0	.0	.0	.0	.3	2.5	10.4
WNW	.0	.1	.1	1.1	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.2	1.6	10.2
NW	.0	.1	.2	2.0	.1	.5	.0	.4	.0	.1	.0	.1	.0	.0	.4	3.3	11.4
NNW	.0	.1	.3	2.3	.1	.9	.1	.8	.0	.2	.0	.1	.0	.0	.5	4.3	12.3
CALM	.5	4.5													.5	4.5	
TOTAL	1.1	9.9	6.3	56.4	1.6	13.2	1.2	11.2	.7	6.6	.2	1.6	.0	.4	11.1	100	10.9

RELATIVE VISIBILITY

WIND SPEED



U.S. GOVERNMENT PRINTING OFFICE

1963 O-318-7

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFT LAFAYETTE, LA

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 13976

NO. OBS.: 2178

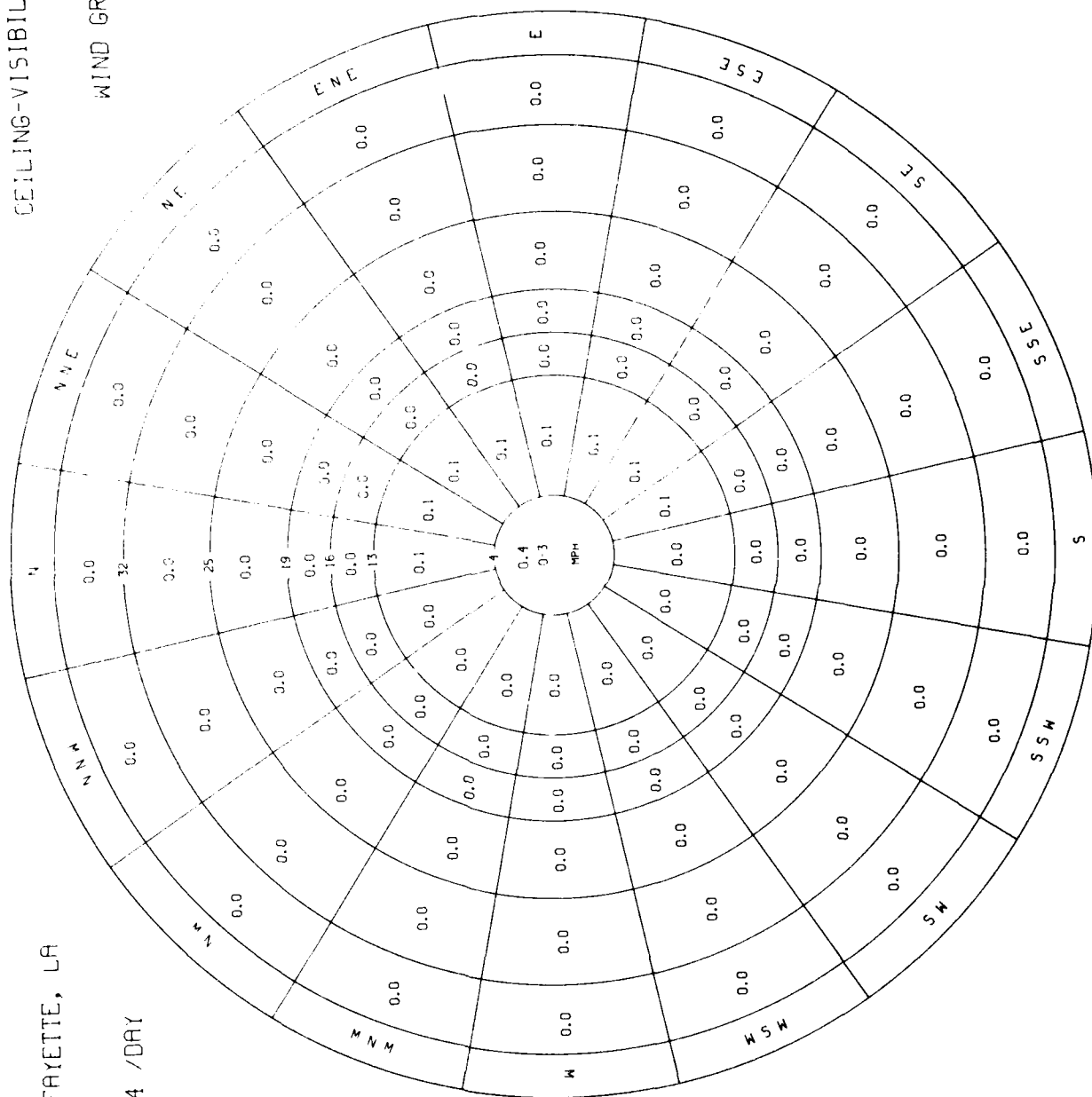
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.6	.2	7.5	.2	2.0	.1	1.1	.0	.2	.0	.0	.0	.0	1.3 11.5 10.7
NNE	.0	.1	.6	5.1	.1	.8	.1	.5	.0	.0	.0	.0	.0	.0	.7 6.7 10.1
NE	.1	.5	.6	3.1	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.8 6.8 9.1
ENE	.0	.4	.3	3.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.4 3.9 8.1
E	.1	.3	.6	5.0	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.8 7.1 8.8
ESE	.1	.2	.3	2.7	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.5 4.1 10.1
SE	.1	.8	.5	4.5	.2	1.7	.1	.6	.0	.1	.0	.0	.0	.0	.8 7.6 10.2
SSE	.0	.1	.5	4.1	.2	2.0	.2	1.7	.1	.9	.0	.2	.0	.0	1.0 9.0 13.1
S	.0	.4	.8	7.5	.3	2.6	.4	3.7	.2	1.9	.0	.1	.0	.0	1.8 16.3 13.4
SSW	.0	.2	.3	2.3	.1	.6	.1	.6	.0	.1	.0	.0	.0	.0	.4 3.7 10.6
WSW	.0	.2	.2	1.5	.1	.6	.0	.3	.0	.3	.0	.0	.0	.0	.3 2.9 11.4
W	.0	.1	.1	.9	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2 1.4 10.2
WNW	.0	.3	.1	1.2	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.2 1.9 9.4
NW	.0	.0	.1	.9	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.2 1.6 10.9
NNW	.0	.1	.2	2.1	.1	.8	.1	.7	.0	.2	.0	.0	.0	.0	.4 3.9 11.6
CALM	.0	.1	.3	2.2	.1	.9	.1	.0	.1	.6	.0	.1	.0	.0	.6 5.1 13.2
TOTAL	.7 6.5		6.2 55.8		1.7 15.1		1.3 11.8		.5 4.9		.1 .5		.0 .1		11.1 100 10.4

CEILING-VISIBILITY

WIND GRAPH

LFT LAFAYETTE, LA

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFT LAFAYETTE, LA

PERIOD: 1949-1978

CLASS 4 / DAY

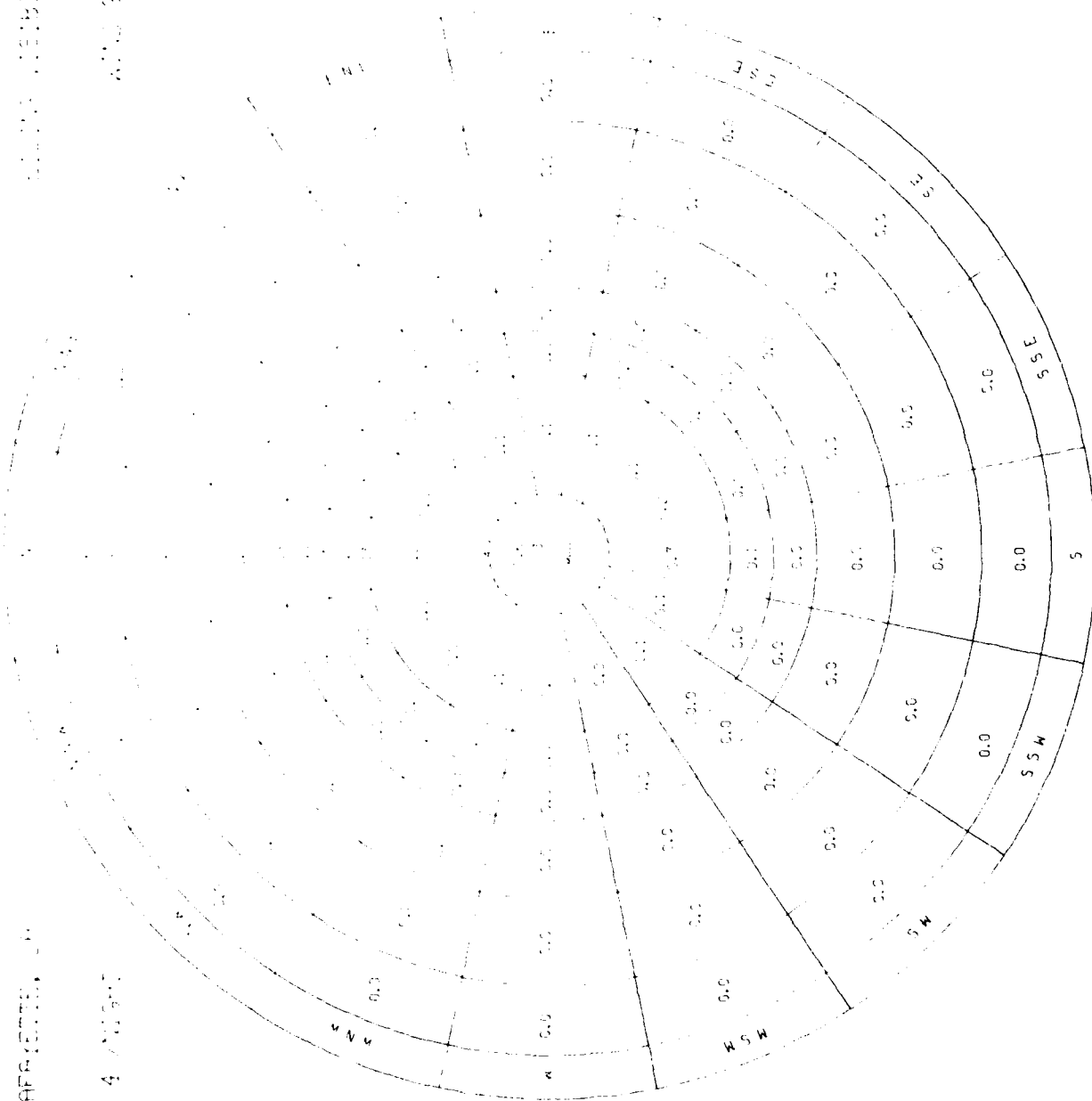
STATION NUMBER: 13976

NO. OBS.: 365

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.8	.1	5.2	.0	1.6	.0	.3	.0	.3	.0	.3	.0	.0	.0	.1	8.5	9.7
NNE	.0	1.1	.1	6.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	7.7
NE	.0	2.5	.1	9.6	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	13.7	7.1
ENE	.0	.3	.1	4.9	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	6.0	7.5
E	.0	1.9	.1	8.8	.0	.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	.2	11.8	7.6
ESE	.0	.8	.1	4.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	7.5
SE	.0	.8	.1	6.6	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.1	8.5	8.4
SSE	.0	.0	.1	3.8	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	5.2	11.6
S	.0	.5	.0	2.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	9.5
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	11.4
SW	.0	.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	2.7	10.3
WSW	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.3
W	.0	.5	.0	1.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.6
WNW	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.2
NW	.0	.5	.0	2.2	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	3.0	8.5
NNW	.0	.5	.0	1.4	.0	1.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.1	3.6	11.1
CALM	.2	14.5														.2	14.5	
TOTAL	.4	25.8	.9	61.4	.1	7.4	.1	3.6	.0	1.1	.0	.5	.0	.3	.1	5	100	7.2

WIND VELOCITY

WIND GRAPH



LFT LAFAYETTE, LA

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ST. LAFAYETTE, LA

CLASS: 471137

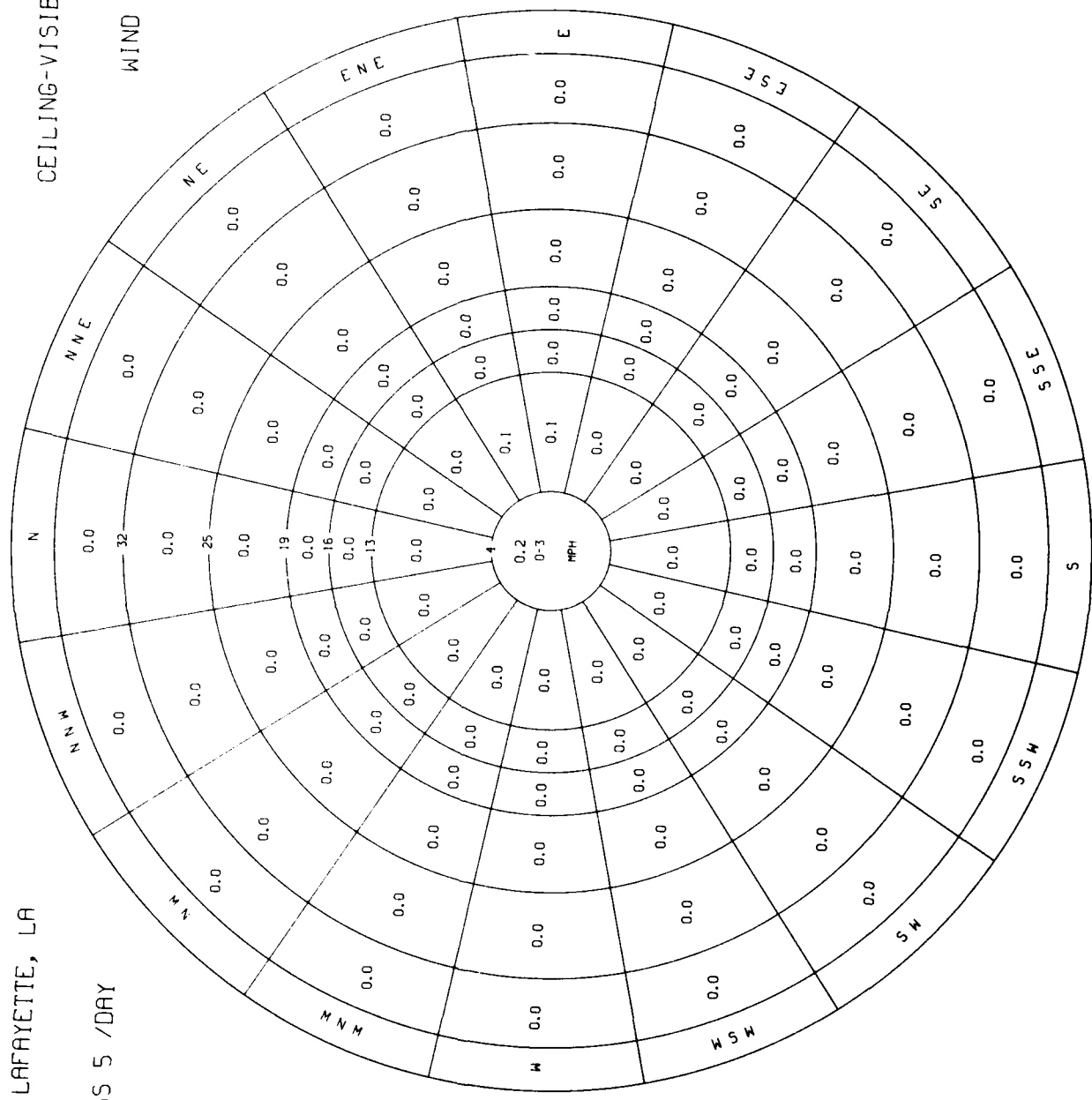
NO. OBS.: 533

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.2	8.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.3 9.2
NNE	.0	.9	.2	5.6	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.2 7.1
NE	.0	1.1	.2	6.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.7
ENE	.0	.9	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
E	.1	1.9	.1	5.3	.0	.6	.0	.2	.3	.2	.0	.0	.0	.0	.2 8.1
ESE	.0	.4	.1	3.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.9
SE	.0	1.3	.1	5.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2 6.9
SSE	.0	.2	.2	6.2	.0	1.1	.0	.4	.0	.2	.0	.0	.0	.0	.2 8.1
S	.0	.6	.3	10.3	.1	2.4	.0	1.1	.0	.4	.0	.0	.0	.0	.4 14.8
SSW	.0	.4	.1	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
SW	.0	.4	.1	2.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.9
WSW	.0	.4	.0	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
W	.0	.0	.0	1.3	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0 1.7
WNW	.0	.4	.1	2.3	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.1 3.0
NW	.0	.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
NNW	.0	.6	.0	1.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1 2.3
CALM	.3	12.8													.3 12.8
TOTAL	.6	23.1	1.8	65.7	.2	8.1	.1	2.3	.0	.9	.0	.0	.0	.0	2.7 100 7.2

CEILING-VISIBILITY
WIND GRAPH

LFT LAFAYETTE, LA
CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 5 / DAY

NO. OBS.: 153

STATION NUMBER: 13976

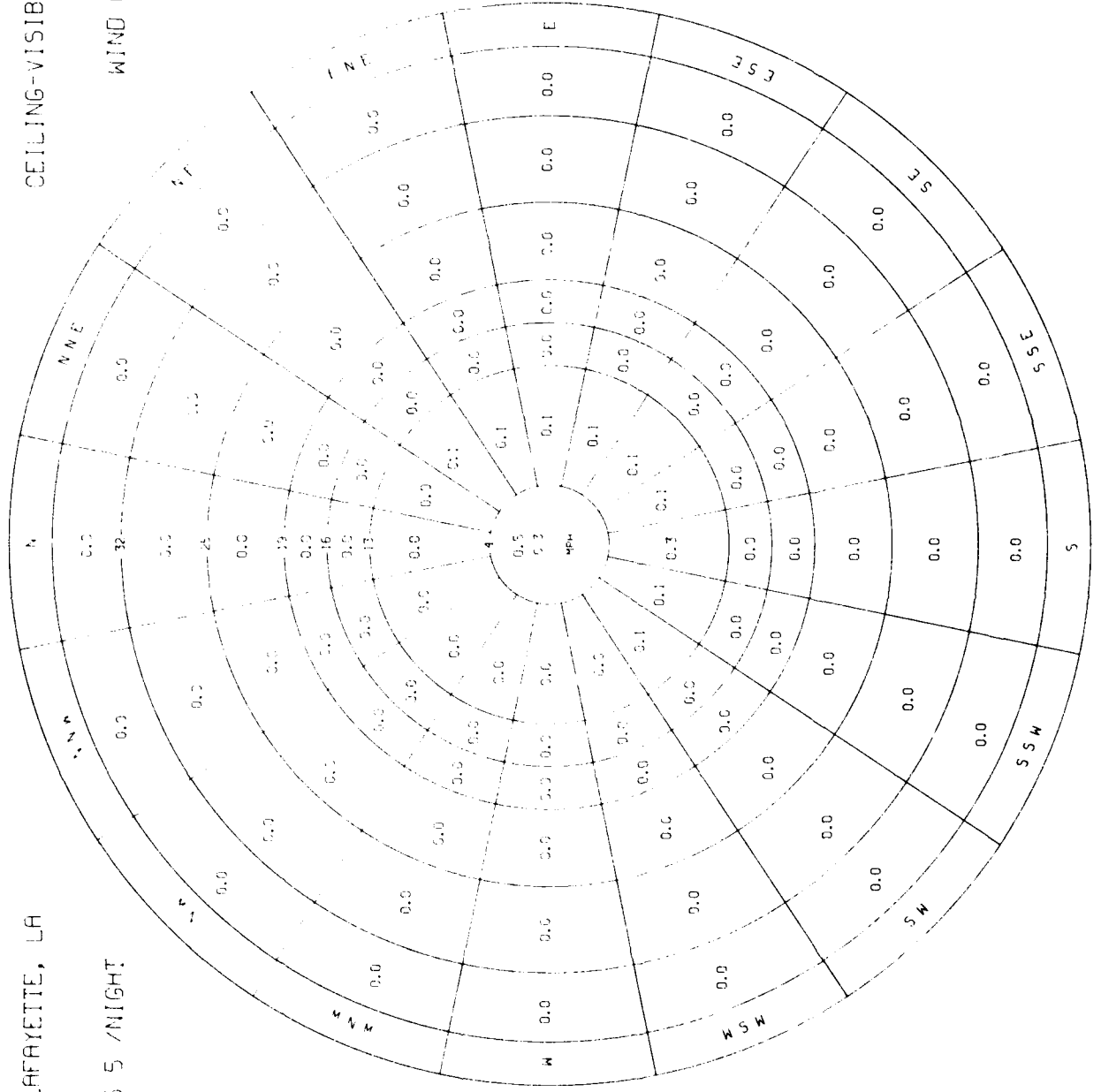
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
NNE	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
NE	.0	2.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.5
ENE	.0	3.3	.1	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.4
E	.0	2.0	.1	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.4
ESE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
SE	.0	.7	.0	3.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	5.2
SSE	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2
S	.0	1.3	.0	7.2	.0	.0	.0	.0	.0	.7	.0	.0	.0	.1	9.2
SSW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
SW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
WSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
WNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
NW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
CALM	.1	19.6												.1	19.6
TOTAL	.2	29.4	.4	68.6	.0	.7	.0	.7	.0	.7	.0	.0	.0	.0	.6
															100
															5.8

LFT LAFAYETTE, LA

CLASS 5 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFT LAFAYETTE, LA

PERIOD: 1949-1978

CLASS 5 / NIGHT

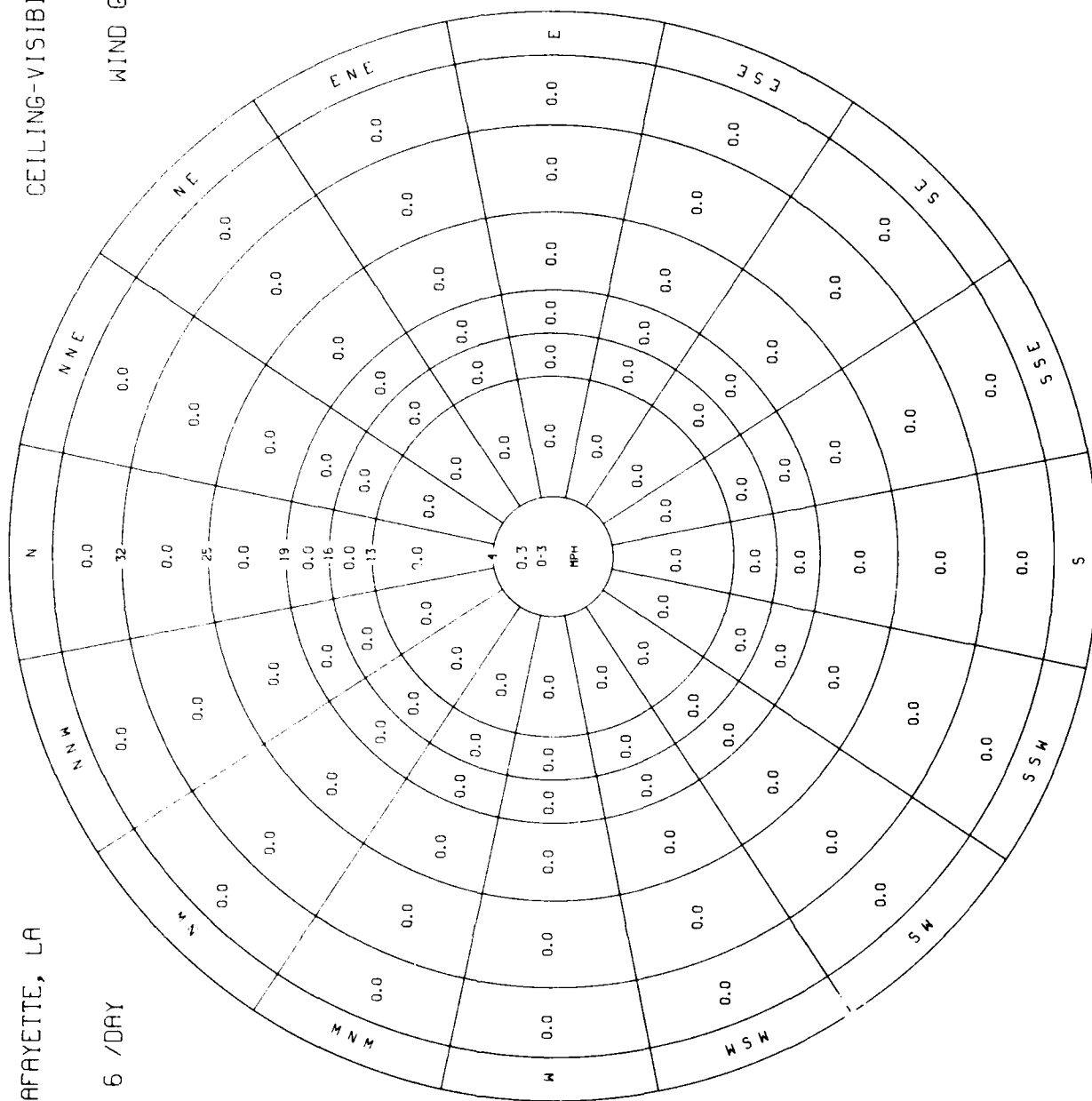
STATION NUMBER: 13976

NO. OBS.: 303

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
NNE	.0	.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
NE	.0	1.3	.1	4.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.9
ENE	.0	.7	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.0
E	.0	1.7	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.9
ESE	.0	.0	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
SSE	.0	1.3	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.6
SSE	.0	1.0	.1	3.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.5 3
S	.0	3.0	.3	19.1	.0	1.0	.0	.0	.0	.3	.0	.0	.0	.0	.4 23.4
SSW	.0	1.0	.1	3.6	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.1 5.6
SW	.0	.7	.1	3.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.6
WSW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
W	.0	.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0 2.6
WNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NW	.0	.3	.0	2.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1 3.3
NNW	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
CALM	.3	18.5													.3 18.5
TOTAL	.5	31.0	1.0	63.7	.1	4.0	.0	.7	.0	.3	.0	.3	.0	.0	1.5 100
															6.0

CEILING-VISIBILITY
WIND GRAPH

LFT LAFAYETTE, LA
CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFT LAFAYETTE, LA

PERIOD: 1949-1978

CLASS 6 / DAY

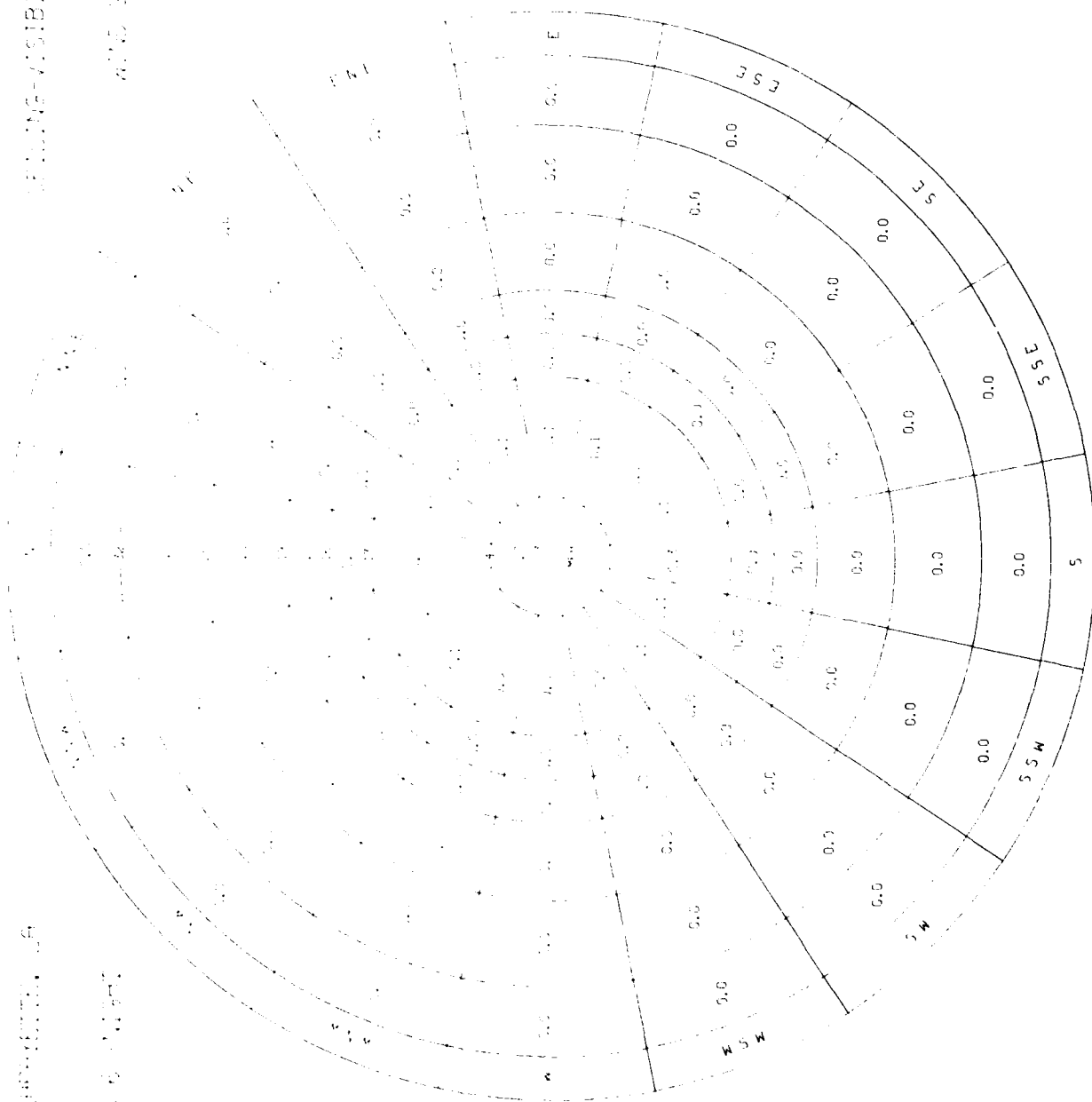
STATION NUMBER: 13976

NO. OBS.: 136

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
NNE	.0	1.5	.0	2.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.4
NE	.0	5.1	.0	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.0
ENE	.0	2.2	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
E	.0	6.6	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.5
ESE	.0	1.5	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
SE	.0	1.5	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
SSE	.0	.7	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
S	.0	.7	.0	5.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.6
SSW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
SW	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
WNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
CALM	.1	26.5												.1	26.5
TOTAL	.3	51.5	.3	47.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.6	100
															3.8

WINDING-VISIBILITY

WIND 386PH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FORT LEAKE, NEB.

PERIOD: 1949-1978

CLASS A WIND

STATION NUMBER: 1972

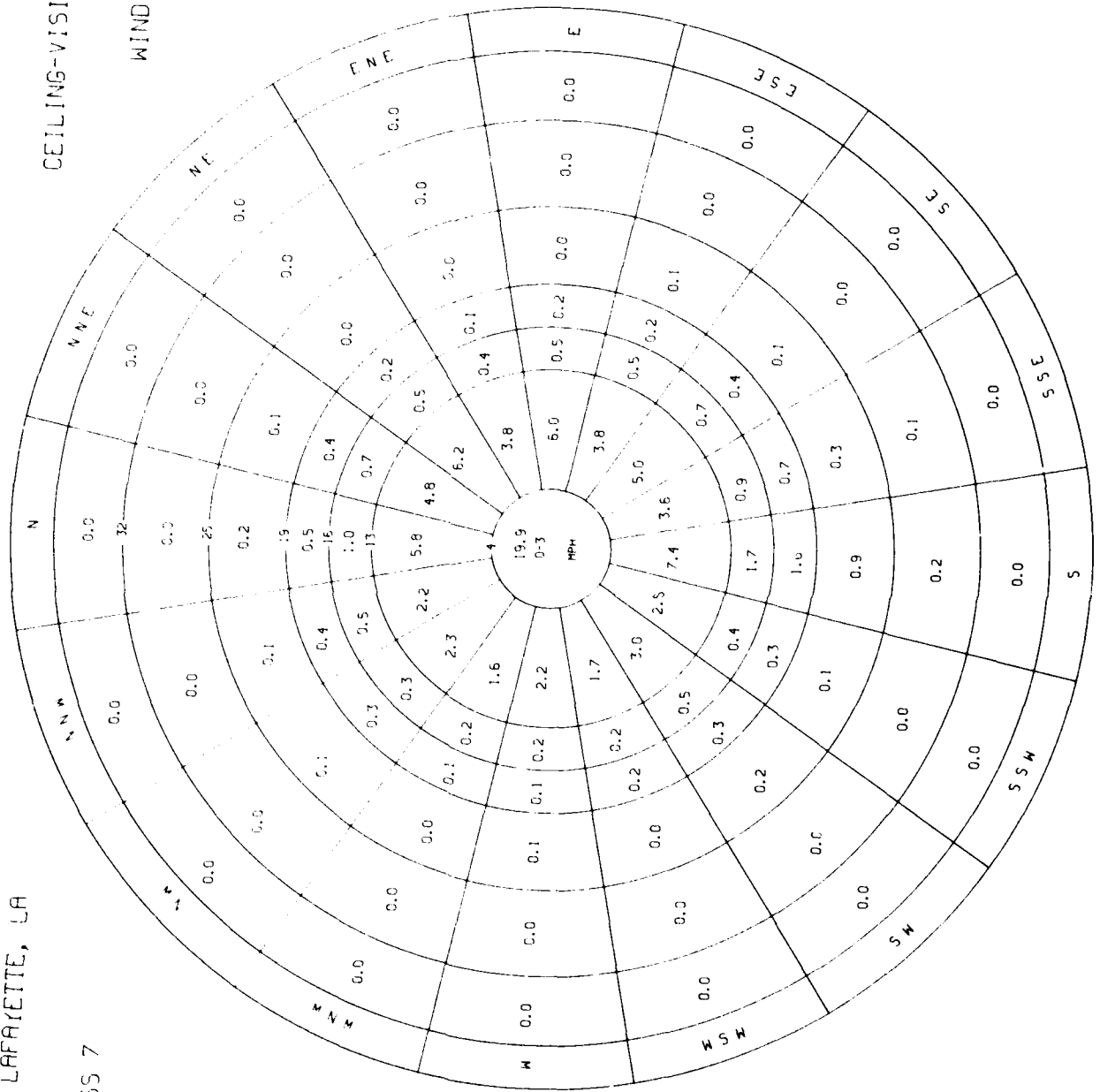
NO. OBS.: 359

D I R	SPEED GROUPS (MPH)																	AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.4	
NNE	.0	.0	.0	1.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.1	
NE	.0	1.9	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.8	5.2	
ENE	.0	.6	.1	2.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	6.8	
E	.1	3.1	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	4.8	
ESE	.0	1.1	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	6.2	
SE	.0	1.7	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	6.1	
SSE	.0	.3	.1	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	7.2	
S	.0	2.2	.3	6.2	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.4	19.5	7.2	
SSW	.0	1.4	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	5.1	
SW	.1	2.8	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	4.6	
WSW	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.7	
W	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.7	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.6	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.6	
NNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.6	
CALM	.4	22.6													.4	22.6		
TOTAL	.7	40.4	1.1	57.9	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	1.8	100	4.8	

CLASS 7

CELLING-VISIBILITY

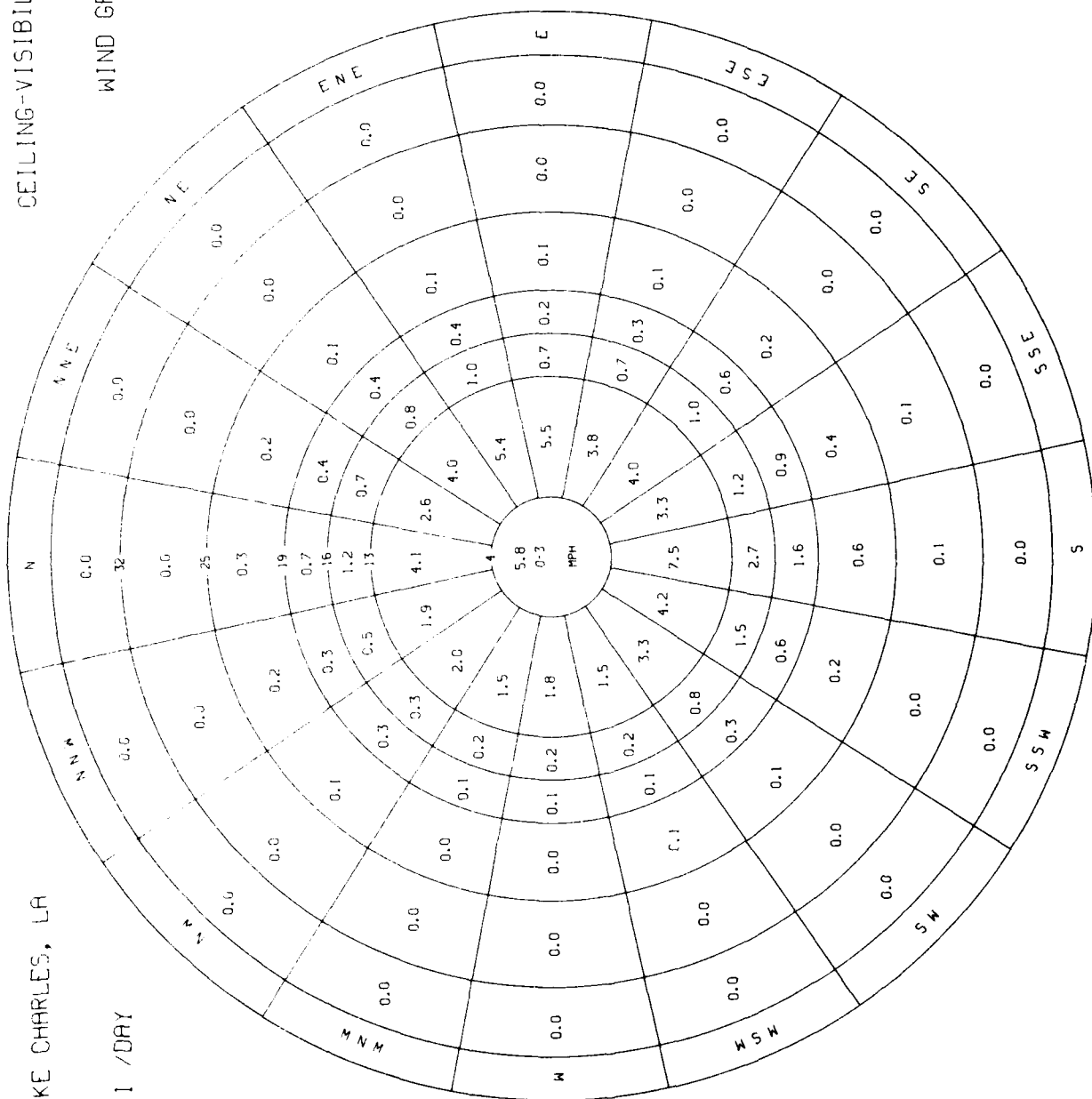
WIND GRAPH



CEILING-VISIBILITY WIND GRAPH

LCH LAKE CHARLES, LA

CLASS 1 / DAY



PRECEDING PAGE BLANK-NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LHM LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS: / DAY

STATION NUMBER: 03337

NO. OBS.: 24178

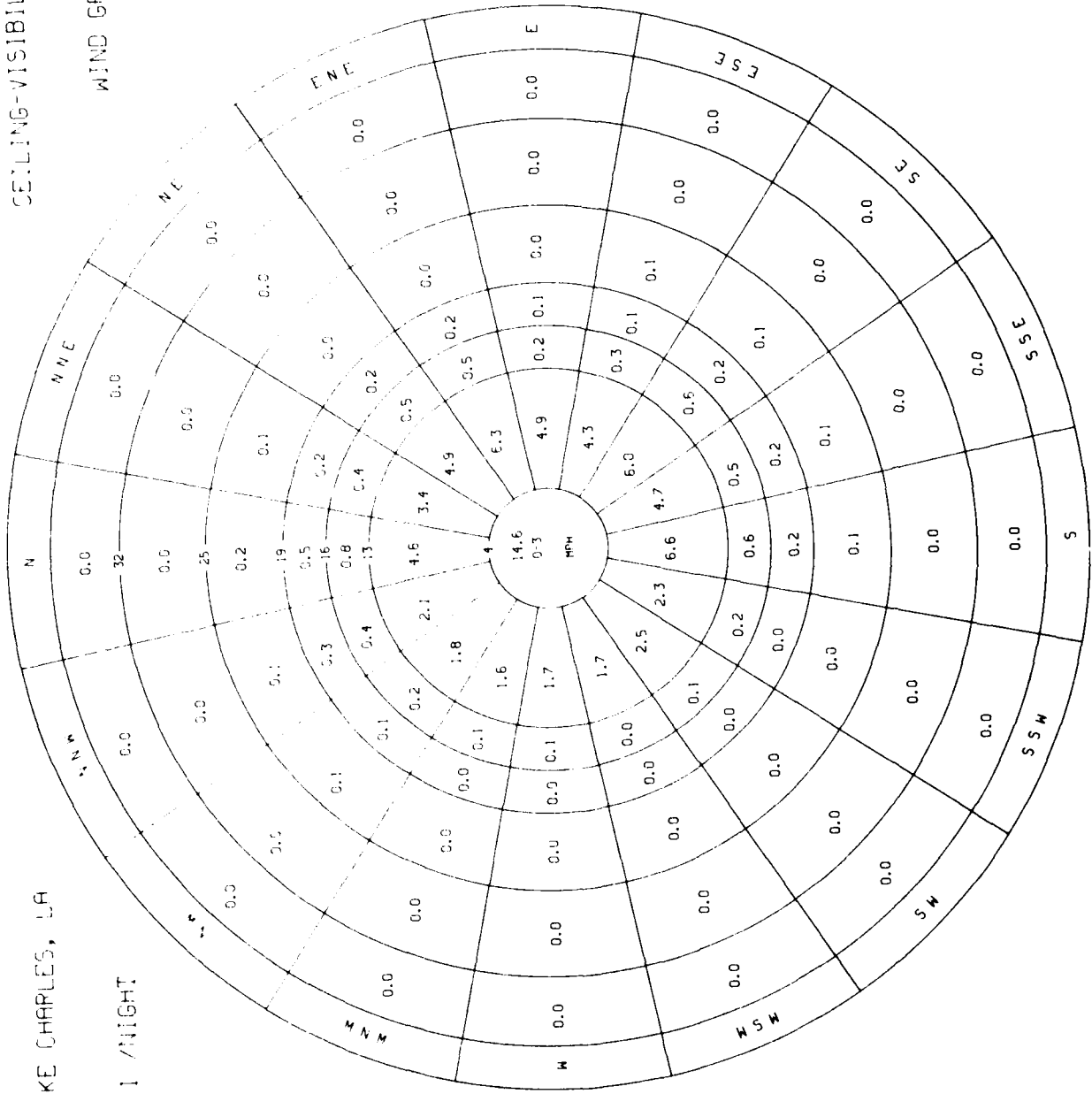
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.4	.4	4.1	4.7	1.2	1.4	.7	.8	.3	.4	.0	.0	.0	.0	6.7	7.8	10.6
NNE	.1	.1	2.6	3.0	.7	.8	.4	.5	.2	.2	.0	.0	.0	.0	4.0	4.7	10.6
NNE	.2	.2	4.0	4.7	.8	.9	.4	.4	.1	.2	.0	.0	.0	.0	5.6	6.4	9.5
ENE	.2	.2	5.4	6.2	1.0	1.1	.4	.5	.1	.1	.0	.0	.0	.0	7.1	8.2	9.3
E	.3	.3	5.5	6.3	.7	.9	.2	.2	.1	.1	.0	.0	.0	.0	6.8	7.8	8.9
ESE	.2	.2	3.8	4.4	.7	.8	.3	.4	.1	.1	.0	.0	.0	.0	5.2	6.0	9.6
SE	.1	.1	4.0	4.6	1.0	1.1	.6	.7	.2	.3	.0	.0	.0	.0	5.9	6.8	10.6
SSE	.1	.1	3.3	3.9	1.2	1.4	.9	1.0	.4	.4	.1	.1	.0	.0	6.0	7.0	11.7
S	.2	.2	7.5	8.7	2.7	3.1	1.6	1.8	.6	.7	.1	.1	.0	.0	12.6	14.6	11.5
SSW	.1	.1	4.2	4.9	1.5	1.8	.6	.7	.2	.2	.0	.0	.0	.0	6.6	7.7	10.9
SW	.1	.1	3.3	3.8	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	4.6	5.3	10.1
WSW	.1	.1	1.5	1.7	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.0	2.3	9.4
W	.1	.1	1.8	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2	2.6	8.5
WNW	.1	.2	1.5	1.7	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	2.0	2.3	8.8
NW	.2	.2	2.0	2.3	.3	.4	.3	.3	.1	.2	.0	.0	.0	.0	2.9	3.3	9.6
NNW	.1	.1	1.9	2.1	.5	.6	.3	.4	.2	.2	.0	.0	.0	.0	3.0	3.5	10.8
CALM	3.3	3.8													3.3	3.8	
TOTAL	5.8	6.7	56.3	65.1	13.7	15.9	7.4	8.5	2.2	3.2	.4	.5	.0	.0	86.5	100	9.9

CEILING-VISIBILITY

WIND GRAPH

LCH LAKE CHARLES, LA

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: LCH LAKE CHARLES, LA

CLASS 1 / NIGHT

NO. OBS.: 17991

STATION NUMBER: 03937

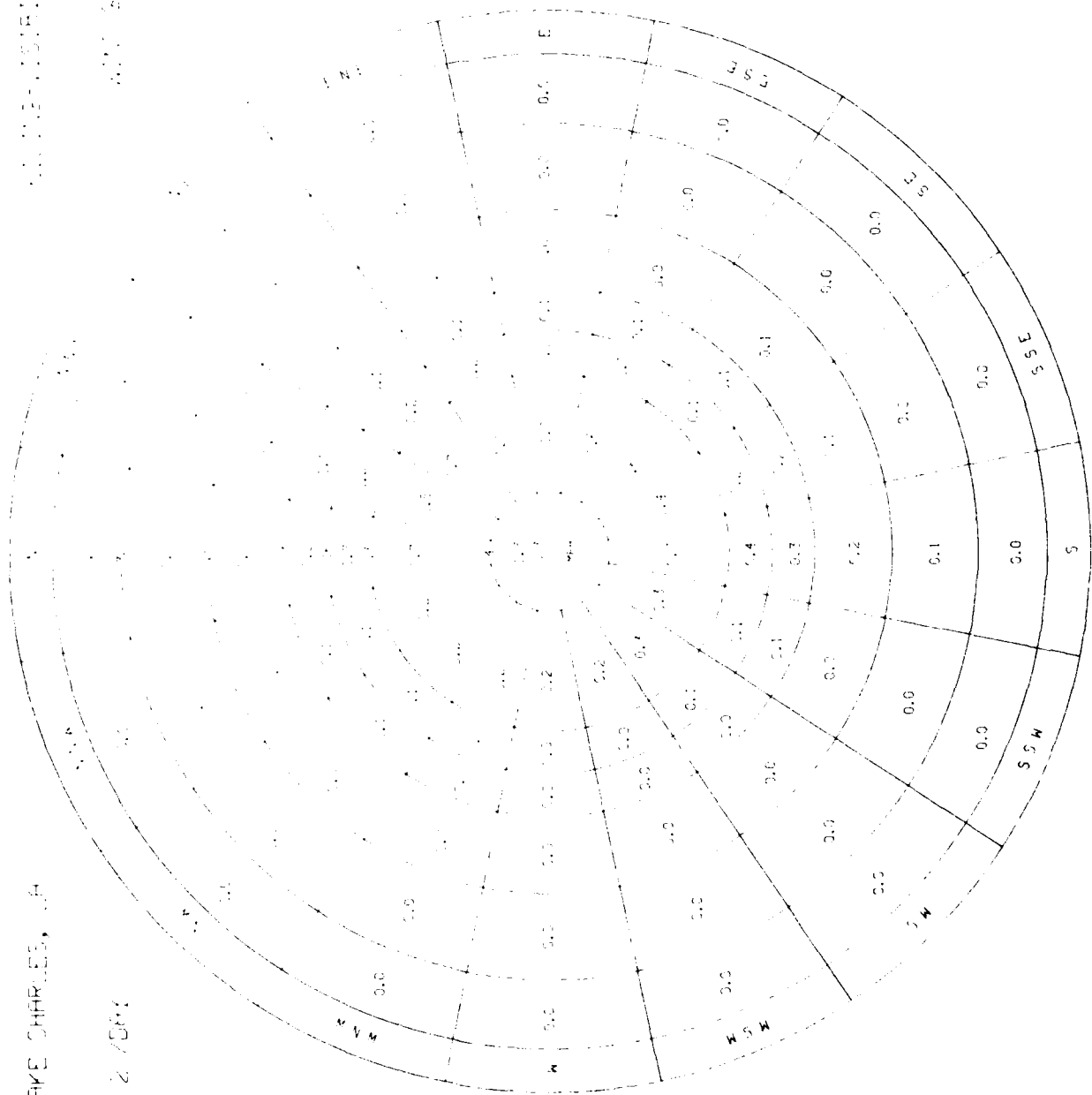
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
N	.5	.6	4.6	5.5	.8	1.0	.5	.6	.2	.3	.0	.0	.0	.0	6.7	8.1
NNE	.4	.5	3.4	4.1	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	4.5	5.4
NNE	.4	.5	4.9	5.9	.5	.6	.2	.2	.0	.1	.0	.0	.0	.0	6.1	7.3
ENE	.6	.7	6.3	7.6	.5	.7	.2	.2	.0	.1	.0	.0	.0	.0	7.6	9.2
E	.5	.6	4.9	5.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.6	6.8
ESE	.3	.4	4.3	5.2	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	5.1	6.2
SE	.4	.5	6.0	7.2	.6	.7	.2	.3	.1	.1	.0	.0	.0	.0	7.3	8.8
SSE	.3	.4	4.7	5.7	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	5.8	7.0
S	.6	.7	6.6	7.9	.6	.8	.2	.3	.1	.1	.0	.0	.0	.0	8.1	9.7
SSW	.2	.3	2.3	2.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.3
SW	.2	.3	2.5	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.5
WSW	.2	.2	1.7	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.4
W	.3	.4	1.7	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.6
WNW	.3	.3	1.6	1.9	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.0	2.4
NW	.3	.4	1.8	2.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.5	3.0
NNW	.2	.2	2.1	2.6	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	3.1	3.8
CALM	8.8	10.6													8.8	10.6
TOTAL	14.6	17.6	59.4	71.7	5.4	6.5	2.4	2.9	.9	1.1	.1	.2	.0	.0	82.9	100

WIND VELOCITY

WIND GRAPH

LOH JAYE CHARLES, JR

CLASS 2 / SMY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LHM LAPE CHARLES, LA

PERIOD: 1962-1978

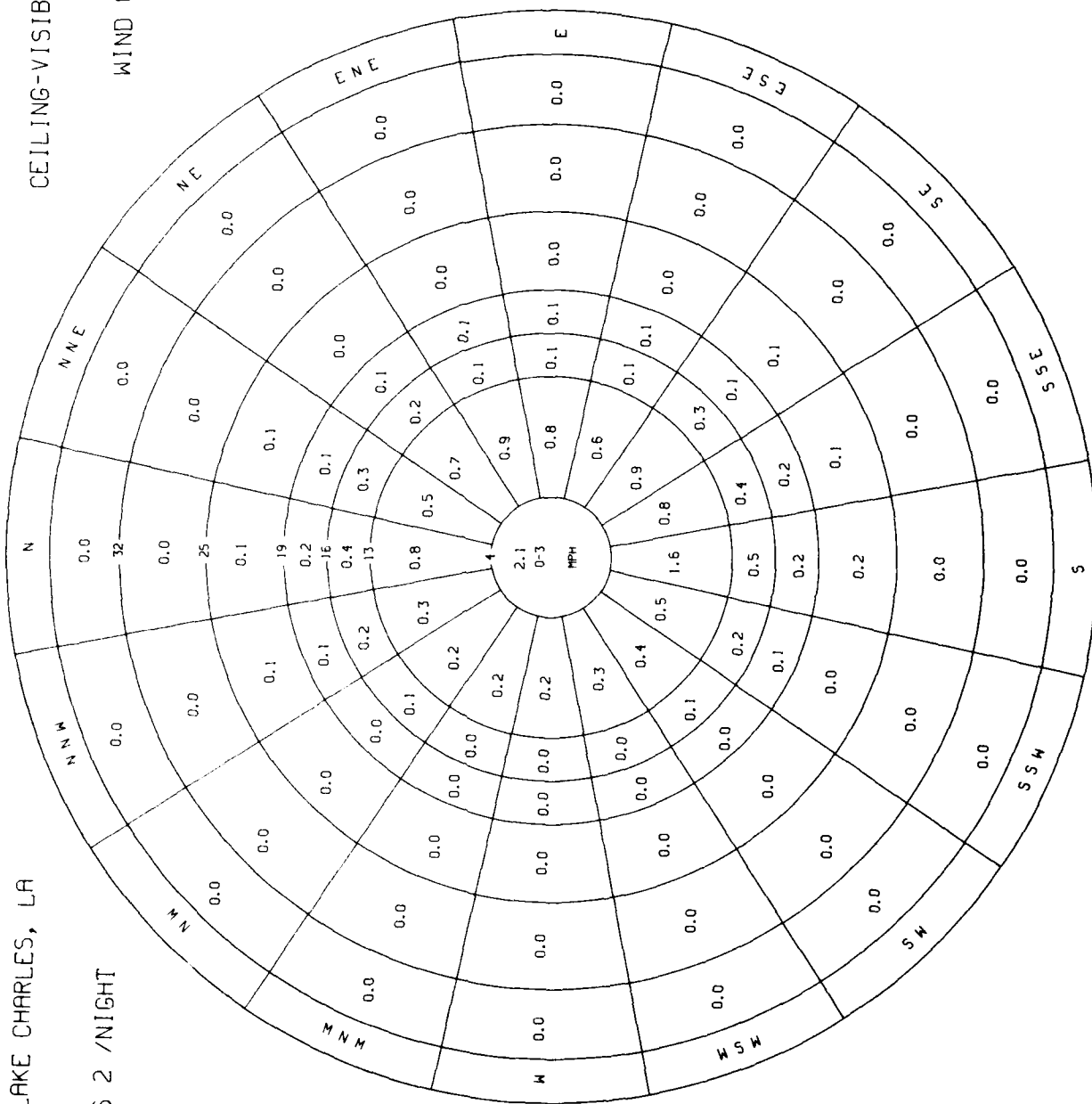
CLASS 2 / DAY

STATION NUMBER: 03937

NO. OBS.: 3785

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.6	.7	5.0	.3	2.2	.2	1.7	.5	.3	.5	.1	.0	.1	1.3	9.9	11.4
NNE	.0	.3	.5	3.4	.2	1.4	.1	.7	.5	.3	.3	.1	.0	.0	.8	6.1	11.3
NE	.1	.4	.7	5.1	.2	1.7	.1	.8	.5	.2	.2	.0	.0	.0	1.1	8.3	10.2
ENE	.1	.6	1.0	7.2	.2	1.6	.1	.7	.5	.1	.0	.1	.0	.0	1.4	10.5	9.6
E	.1	.6	1.0	7.2	.1	1.0	.1	.6	.5	.2	.1	.0	.0	.0	1.3	9.6	8.9
ESE	.0	.2	.6	4.4	.1	.7	.1	.5	.2	.1	.0	.1	.0	.0	.8	6.0	9.9
SE	.0	.2	.6	4.2	.1	.8	.1	.8	.1	.4	.0	.1	.0	.0	.9	6.4	11.3
SSE	.0	.1	.4	3.1	.2	1.4	.2	.3	.1	1.0	.0	.3	.0	.0	1.0	7.2	13.7
S	.0	.1	.7	4.9	.4	3.0	.3	2.0	.2	1.5	.1	.4	.0	.0	1.6	11.9	13.9
SSW	.0	.1	.3	2.0	.1	.8	.1	.5	.5	.3	.0	.1	.0	.0	.5	3.9	12.0
SW	.0	.1	.3	2.1	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.2	10.5
WSW	.0	.1	.2	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.6	9.7
W	.0	.2	.2	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	8.7
WNW	.0	.2	.2	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	8.8
NW	.1	.4	.2	1.4	.1	.4	.1	.5	.0	.1	.0	.0	.0	.0	.4	2.7	10.1
NNW	.0	.1	.2	1.8	.1	.7	.1	.6	.0	.2	.0	.1	.0	.0	.5	3.6	12.3
CALM	.7	5.3													.7	5.3	
TOTAL	1.3	9.5	7.5	55.7	2.3	17.0	1.5	11.2	.7	4.9	.2	1.5	.0	.2	13.5	100	10.5

LCH LAKE CHARLES, LA
 CLASS 2 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LCH LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS 2 / NIGHT

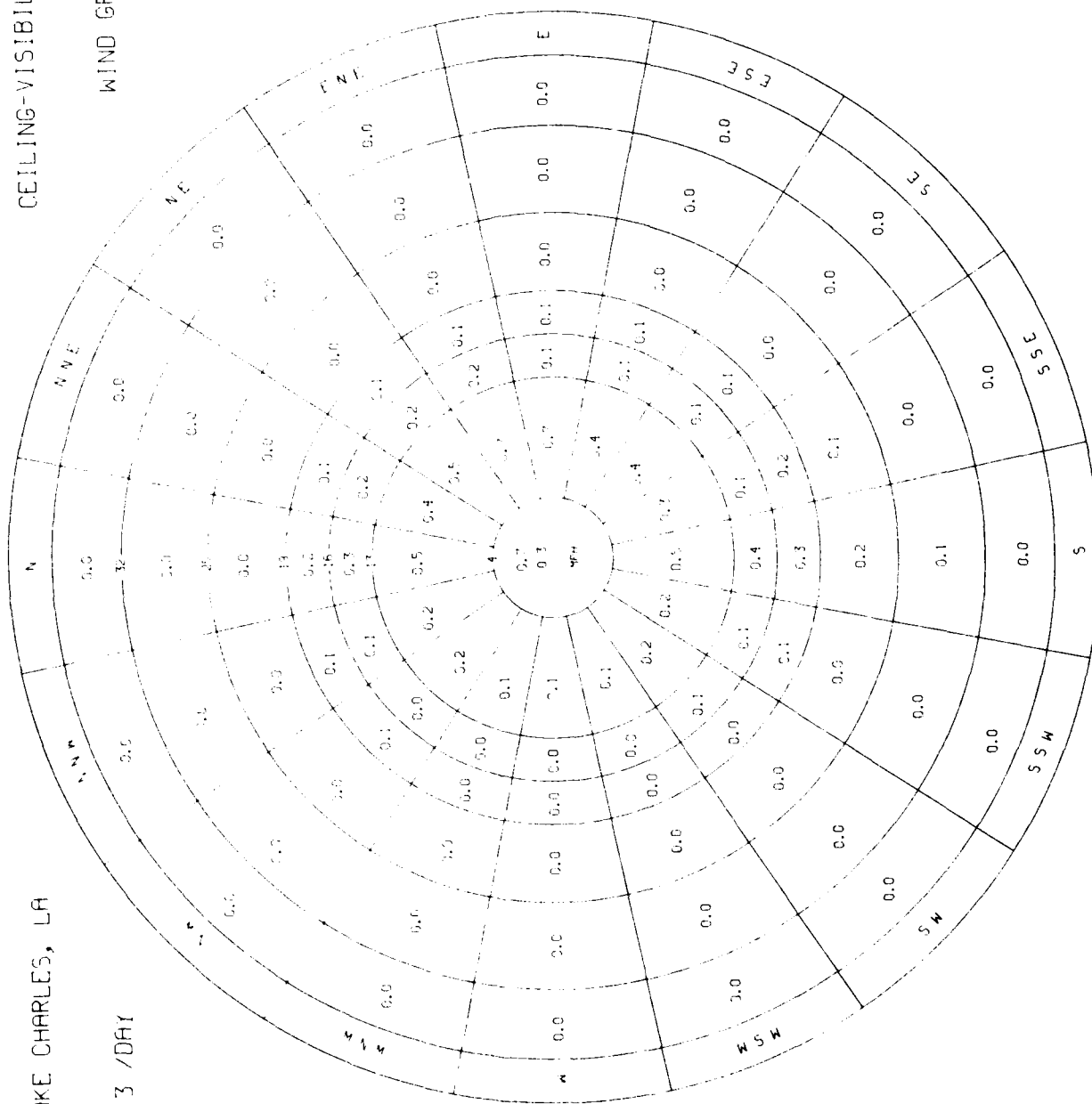
STATION NUMBER: 03937

NO. OBS.: 3717

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.2	.8	4.8	.4	2.5	.2	1.3	.1	.4	.0	.1	.0	.0	1.6	9.3	11.6
NNE	.0	.3	.5	3.1	.3	1.5	.1	.7	.1	.3	.0	.1	.0	.0	1.0	6.1	11.6
NE	.1	.4	.7	4.0	.2	1.3	.1	.5	.0	.2	.0	.0	.0	.0	1.1	6.3	10.1
ENE	.1	.4	.9	5.2	.1	.6	.1	.6	.0	.1	.0	.0	.0	.0	1.2	6.9	9.1
E	.1	.5	.8	4.7	.1	.5	.1	.3	.0	.1	.0	.0	.0	.0	1.1	6.2	8.4
ESE	.1	.3	.6	3.7	.1	.5	.1	.4	.0	.1	.0	.0	.0	.0	.9	5.0	8.9
SE	.1	.3	.9	5.4	.3	1.5	.1	.6	.1	.5	.0	.0	.0	.0	1.4	8.4	10.3
SSE	.0	.3	.8	4.9	.4	2.3	.2	1.4	.1	.6	.0	.1	.0	.0	1.6	9.5	12.0
S	.1	.3	1.6	9.1	.5	3.0	.2	1.3	.2	.9	.0	.1	.0	.0	2.5	14.8	11.4
SSW	.0	.1	.5	3.0	.2	1.0	.1	.3	.0	.1	.0	.0	.0	.0	.8	4.5	10.8
SW	.0	.2	.4	2.3	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.5	3.0	8.9
WSW	.1	.3	.3	1.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4	2.2	8.0
W	.0	.2	.2	1.5	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.4	2.1	8.5
WNW	.0	.2	.2	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	8.8
NW	.0	.0	.2	1.2	.1	.4	.0	.2	.0	.2	.0	.0	.0	.0	.3	2.0	10.8
NNW	.0	.1	.3	1.8	.2	1.0	.1	.6	.1	.3	.0	.1	.0	.0	.7	3.8	12.2
CALM	1.4	8.3													1.4	8.3	
TOTAL	2.1	12.5	9.8	57.3	2.9	17.0	1.5	8.7	.7	4.0	.1	.6	.0	.1	17.1	100	9.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LCH LAKE CHARLES, LA

PERIOD: 1962-1978

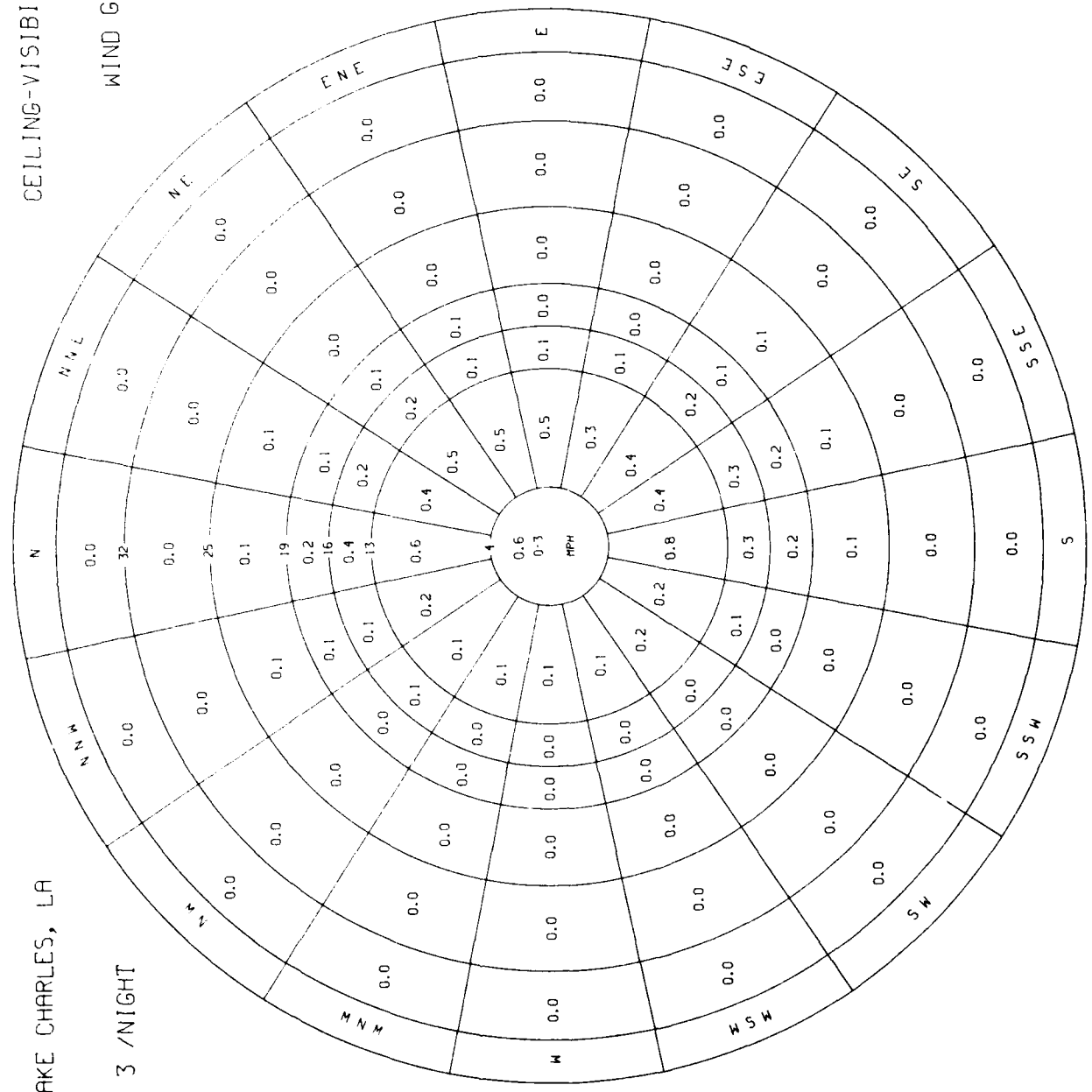
CLASS 3 / DAY

STATION NUMBER: 03937

NO. OBS.: 2925

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.5	5.2	.3	2.7	.2	2.1	.0	.3	.0	.1	.0	.1	1.1 10.8
NNE	.0	.3	.4	3.6	.2	1.7	.1	.9	.0	.3	.0	.1	.0	.0	.7 6.9
NE	.0	.3	.5	4.7	.2	2.0	.1	.9	.0	.3	.0	.0	.0	.0	.9 8.2
ENE	.0	.4	.7	6.5	.2	1.8	.1	.9	.0	.3	.0	.1	.0	.0	1.1 10.1
E	.0	.2	.7	6.7	.1	1.2	.1	.6	.0	.3	.0	.0	.0	.0	.9 9.1
ESE	.0	.1	.4	3.8	.1	.8	.1	.5	.0	.2	.0	.0	.0	.0	.6 5.4
SE	.0	.1	.4	3.7	.1	1.0	.1	1.0	.0	.4	.0	.1	.0	.0	.7 6.3
SSE	.0	.1	.3	2.7	.1	1.4	.2	1.5	.1	1.2	.0	.4	.0	.0	.8 7.4
S	.0	.1	.5	4.3	.4	3.6	.3	2.4	.2	1.9	.1	.5	.0	.0	1.3 12.8
SSW	.0	.1	.2	1.7	.1	1.0	.1	.6	.0	.4	.0	.1	.0	.0	.4 3.9
SW	.0	.1	.2	2.0	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.3 3.1
WSW	.0	.1	.1	1.2	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2 1.6
W	.0	.2	.1	1.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.9
WNW	.0	.1	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.9
NW	.0	.2	.2	1.5	.0	.4	.1	.5	.0	.1	.0	.0	.0	.0	.3 2.9
NNW	.0	.2	.2	1.8	.1	.9	.1	.7	.0	.3	.0	.1	.0	.0	.4 4.1
CALM	.4	.8													.4 3.8
TOTAL	.7	6.7	5.5	52.2	2.1	19.7	1.4	13.3	.6	6.1	.2	1.8	.0	.2	10.5 100
															11.4

LCH LAKE CHARLES, LA
 CLASS 3 / NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: LCH LAKE CHARLES, LA

CLASS 3 / NIGHT

NO. OBS.: 2256

STATION NUMBER: 03937

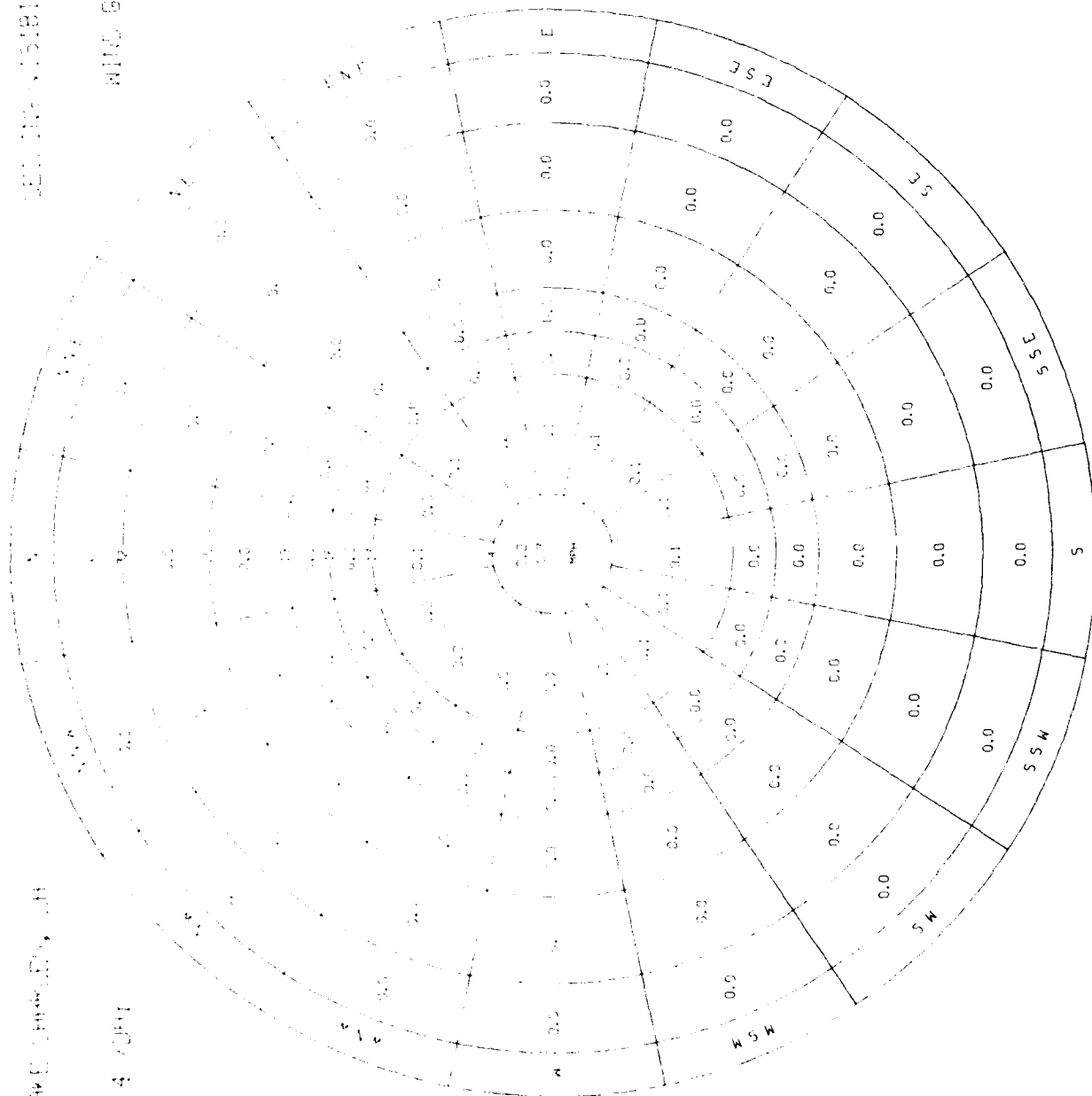
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.6	5.6	.4	3.9	.2	2.0	.1	.6	.0	.1	.0	.0	1.3 12.4
NNE	.0	.2	.4	3.5	.2	2.2	.1	1.2	.1	.5	.0	.1	.0	.0	.8 7.8
NE	.0	.2	.5	4.7	.2	1.9	.1	.7	.0	.3	.0	.0	.0	.0	.8 7.7
ENE	.0	.3	.5	4.9	.1	.8	.1	.9	.0	.2	.0	.0	.0	.0	.7 7.1
E	.0	.3	.5	5.0	.1	.8	.0	.4	.0	.2	.0	.0	.0	.0	.7 6.7
ESE	.0	.2	.3	2.7	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.4 4.0
SE	.0	.1	.4	3.7	.2	1.9	.1	.8	.1	.8	.0	.0	.0	.0	.8 7.4
SSE	.0	.1	.4	3.9	.3	2.8	.2	1.9	.1	.8	.0	.2	.0	.0	1.0 9.8
S	.0	.3	.8	8.1	.3	3.2	.2	1.6	.1	1.3	.0	.2	.0	.0	1.5 14.8
SSW	.0	.0	.2	2.2	.1	1.2	.0	.3	.0	.2	.0	.0	.0	.0	.4 3.9
SW	.0	.1	.2	1.5	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.1
WSW	.0	.0	.1	1.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.8
W	.0	.1	.1	1.4	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.2 2.0
WNW	.0	.1	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.6
NW	.0	.0	.1	1.1	.1	.7	.0	.3	.0	.3	.0	.0	.0	.0	.2 2.4
NNW	.0	.1	.2	2.0	.1	1.4	.1	1.0	.1	.5	.0	.0	.0	.0	.5 5.0
CALM	.4	3.5													.4 3.5
TOTAL	.6	5.9	5.5	52.7	2.3	22.6	1.3	12.1	.6	5.9	.1	.8	.0	.0	10.4 100
															11.3

WIND VISIBILITY

WIND GRAPH

LOW LEVEL CLOUDS, IN

CLASS 4 (0-1)



CENTIGRADE-VISIBILITY AND TABULATIONS

TABLE

PERIOD: 1962-1978

NO. OBS.: 476

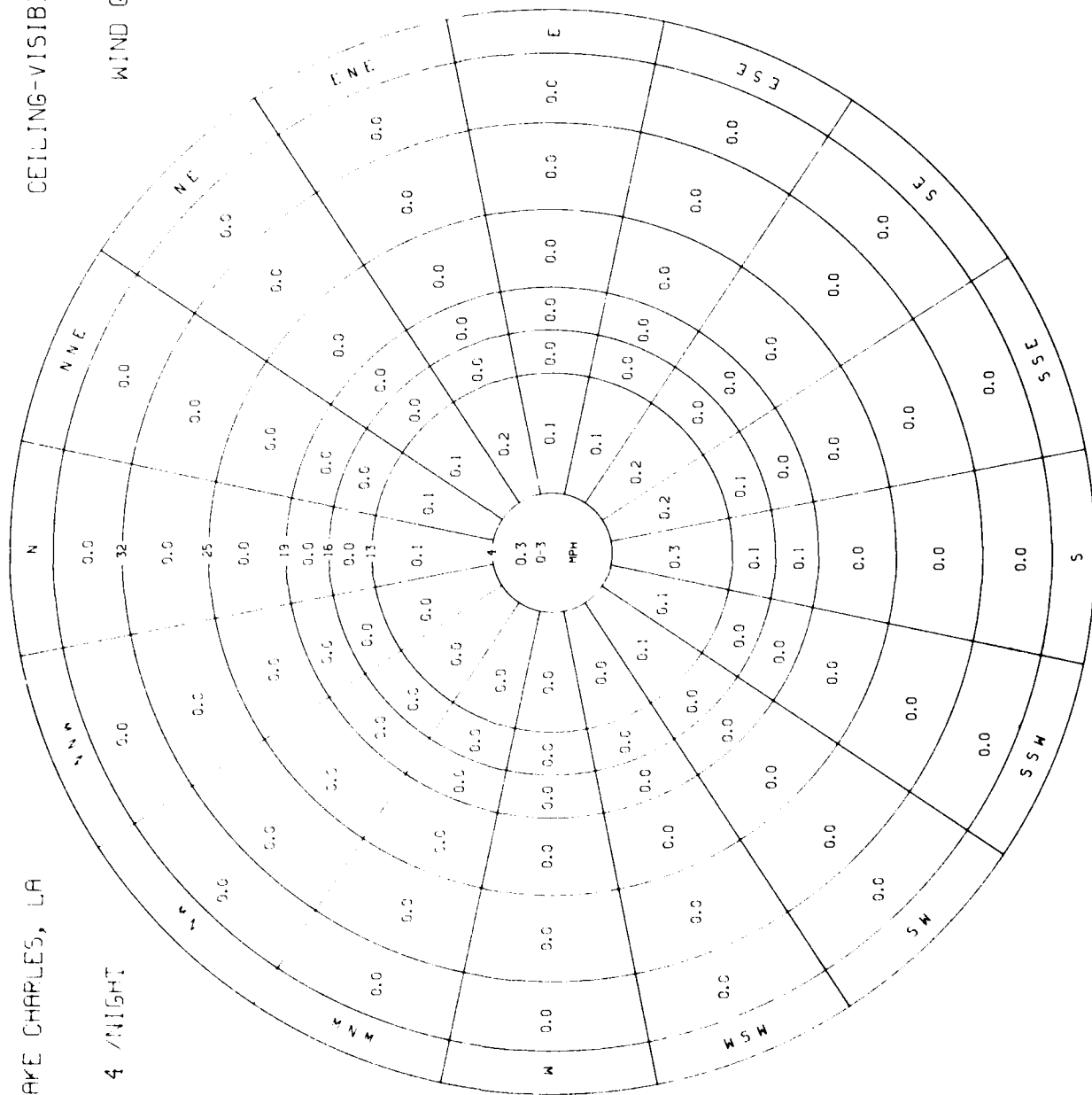
STATION NAME: ...

CLASS: 12

STATION NUMBER: ...

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.2	.1	5.3	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.2	8.8	7.9
NNE	.0	.6	.0	2.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	.1	4.0	9.2
NNE	.0	.8	.0	6.3	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.1	8.6	8.4
ENE	.0	.6	.2	9.2	.0	.9	.0	.2	.0	.4	.0	.2	.0	.0	.2	12.6	9.4
E	.0	.7	.1	7.1	.0	.5	.0	.4	.0	.2	.0	.0	.0	.0	.2	10.1	8.1
ESE	.0	.0	.0	5.0	.0	.8	.0	.2	.0	.0	.0	.2	.0	.0	.1	6.3	9.5
SE	.0	.2	.0	5.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.9	9.8
SSE	.0	.0	.1	4.4	.0	.7	.0	.3	.0	.2	.0	.0	.0	.0	.1	7.6	11.3
S	.0	.0	.1	7.5	.0	1.3	.0	1.3	.0	.2	.0	.0	.0	.0	.2	10.3	11.0
SSW	.0	.2	.1	3.4	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.1	4.2	9.5
SW	.0	.0	.1	3.4	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.4	10.2
WSW	.0	.0	.0	1.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	10.0
W	.0	.0	.0	1.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.3	9.0
WNW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.3	7.8
NW	.0	.6	.0	1.3	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.3	6.9
NNW	.0	.0	.0	2.7	.0	.0	.0	.4	.0	.0	.0	.2	.0	.0	.1	3.4	10.7
CALM	.1	5.9													.1	5.9	
TOTAL	.2	12.4	1.2	68.7	.2	10.3	.1	6.1	.0	1.7	.0	.6	.0	.2	1.7	10.0	8.9

LCH LAKE CHARLES, LA
 CLASS 4 / NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: LCH LAKE CHARLES, LA

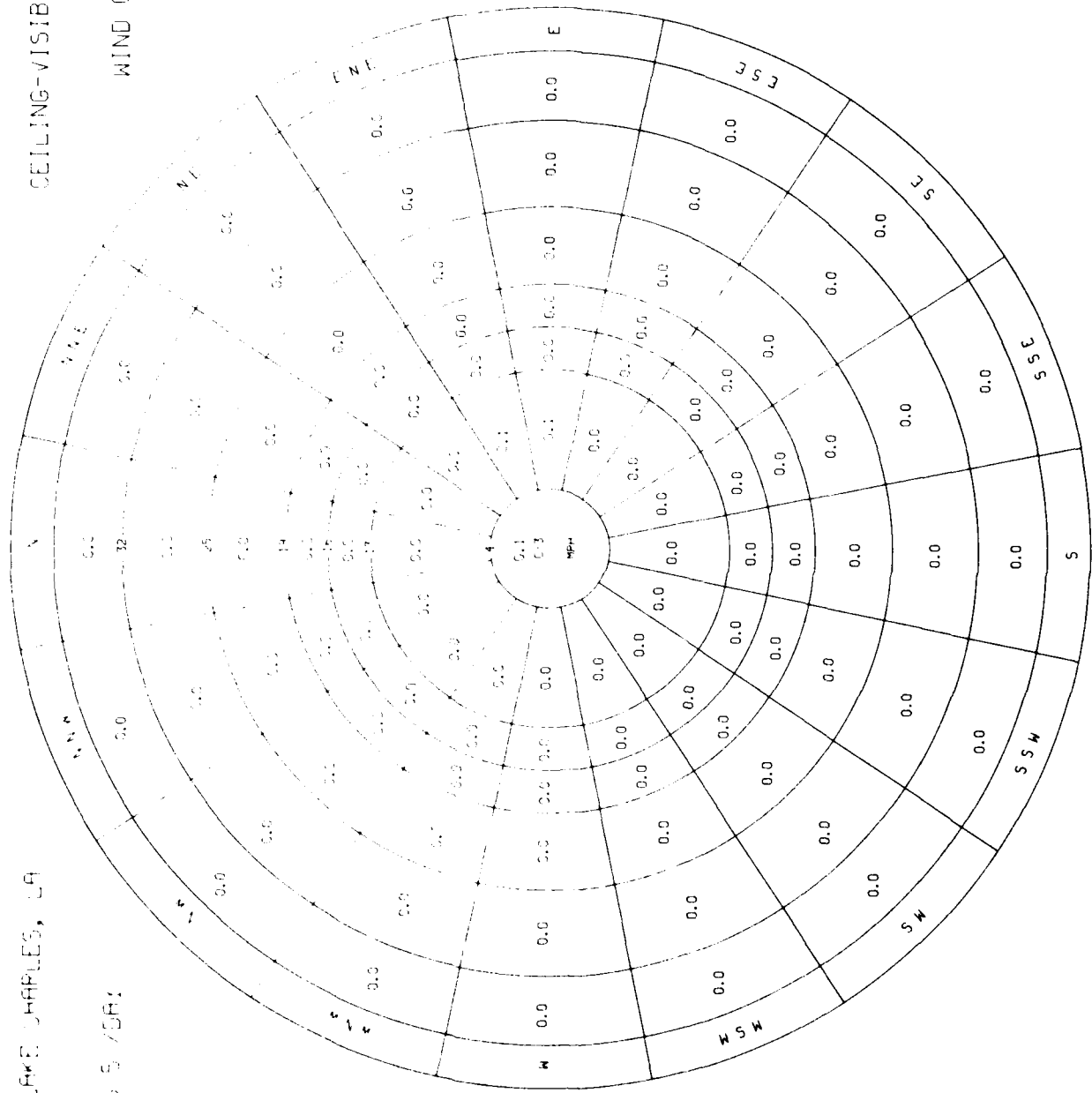
CLASS 4 / NIGHT

NO. OBS.: 574

STATION NUMBER: 03937

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.2	.1	4.9	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.2	6.4	9.6
NNE	.0	.5	.1	5.1	.0	.9	.0	.0	.0	.2	.0	.0	.0	.0	.2	6.6	9.0
NE	.0	.3	.1	4.0	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.1	5.6	9.1
ENE	.0	.5	.2	6.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	7.3	8.3
E	.0	.7	.1	3.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	4.9	8.0
ESE	.0	.5	.1	4.9	.0	.5	.0	.5	.0	.3	.0	.0	.0	.0	.2	6.8	9.0
SE	.0	.0	.2	7.1	.0	1.0	.0	.7	.0	.2	.0	.0	.0	.0	.2	9.1	9.4
SSE	.0	.5	.2	5.7	.1	2.3	.0	1.0	.0	.5	.0	.0	.0	.0	.3	10.1	11.3
S	.0	.0	.3	11.3	.1	3.0	.1	2.4	.0	.3	.0	.2	.0	.0	.5	17.2	10.9
SSW	.0	.2	.1	3.8	.0	.5	.0	.5	.0	.0	.0	.2	.0	.0	.1	5.2	10.8
SW	.0	.2	.1	3.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	4.2	8.6
WSW	.0	.2	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	7.6
W	.0	.2	.0	1.6	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	1.9	8.0
WNW	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.4	7.2
NW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.4
NNW	.0	.2	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	9.7
CALM	.2	7.8			.3	11.8	.2	7.0	.1	1.9	.0	.3	.0	.0	.2	7.8	
TOTAL	.3	12.2	1.8	66.7	.3	11.8	.2	7.0	.1	1.9	.0	.3	.0	.0	2.6	100	8.8

LCA LAKE CHARLES, LA
 CLASS 5 / 20A:
 CEILING-VISIBILITY
 WIND GRAPH



ANNUAL

STATION NAME: LICH LAKE CHARLES, LA

PERIOD: 1962-1978

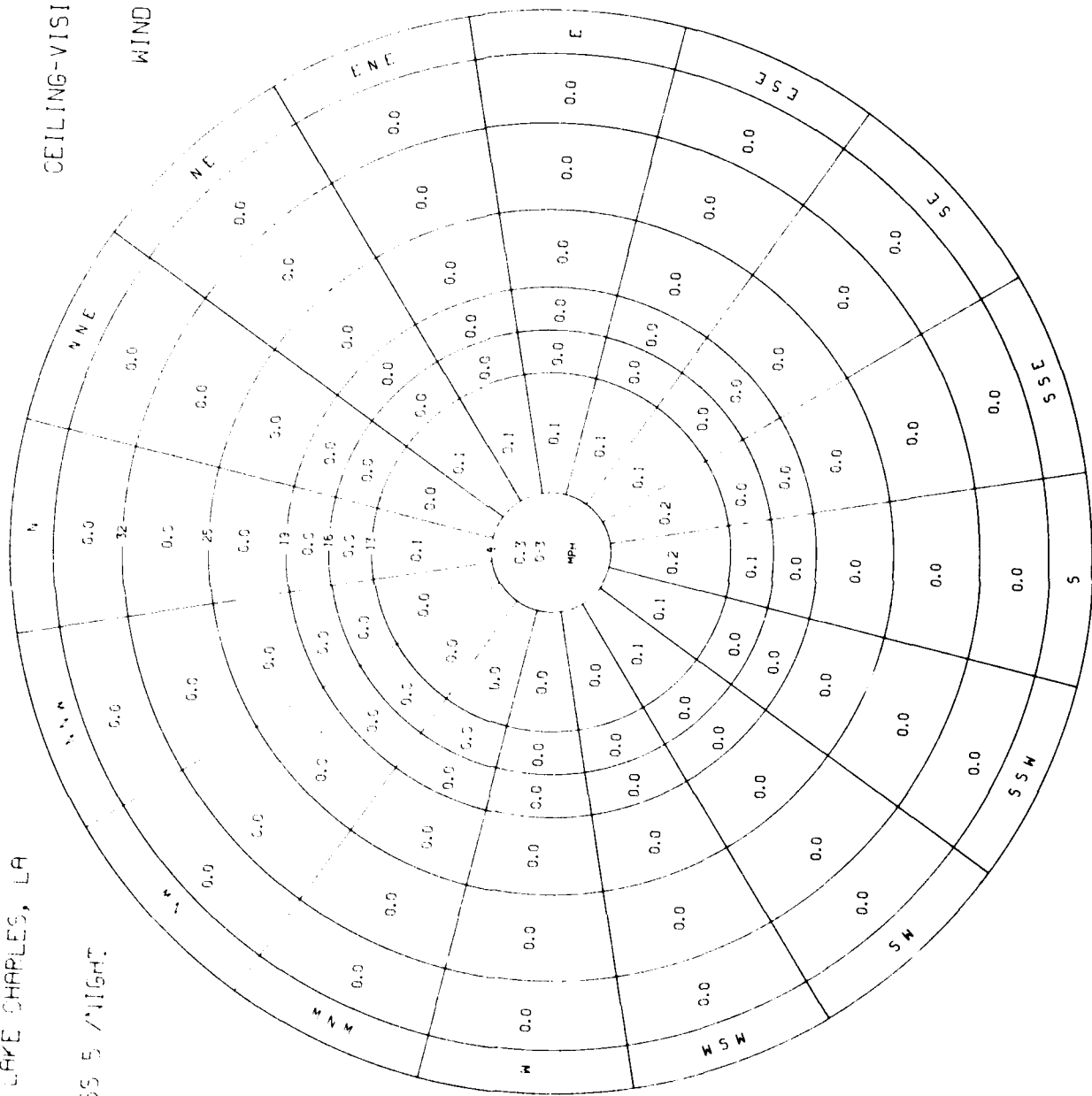
CLASS 5 / DAY

STATION NUMBER: 03937

NO.	OBS.:	168
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
30	100	100
31	100	100
32	100	100
33	100	100
34	100	100
35	100	100
36	100	100
37	100	100
38	100	100
39	100	100
40	100	100
41	100	100
42	100	100
43	100	100
44	100	100
45	100	100
46	100	100
47	100	100
48	100	100
49	100	100
50	100	100
51	100	100
52	100	100
53	100	100
54	100	100
55	100	100
56	100	100
57	100	100
58	100	100
59	100	100
60	100	100
61	100	100
62	100	100
63	100	100
64	100	100
65	100	100
66	100	100
67	100	100
68	100	100
69	100	100
70	100	100
71	100	100
72	100	100
73	100	100
74	100	100
75	100	100
76	100	100
77	100	100
78	100	100
79	100	100
80	100	100
81	100	100
82	100	100
83	100	100
84	100	100
85	100	100
86	100	100
87	100	100
88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.8	.0	3.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.3
NNE	.0	.0	.0	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.3
NE	.0	.6	.0	7.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	7.1
ENE	.0	.6	.1	11.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.5	6.7
E	.0	1.2	.1	8.9	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.1	10.7	7.6
ESE	.0	.6	.0	6.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	7.1	8.0
SE	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.8
SSE	.0	.6	.0	4.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	8.4
S	.0	.6	.0	7.7	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.7	9.5
SSW	.0	.6	.0	3.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	8.6
SW	.0	.6	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.2	10.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	1.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	8.2
WNW	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.2
NW	.0	1.8	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.2
NNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	12.0
CALM	.1	11.9														.1	11.9	
TOTAL	.1	20.8	.4	69.6	.0	6.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.6	100	6.9

LOH LAKE CHARLES, LA
 CLASS 5 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LCH LAKE CHARLES, LA

PERIOD: 1962-1978

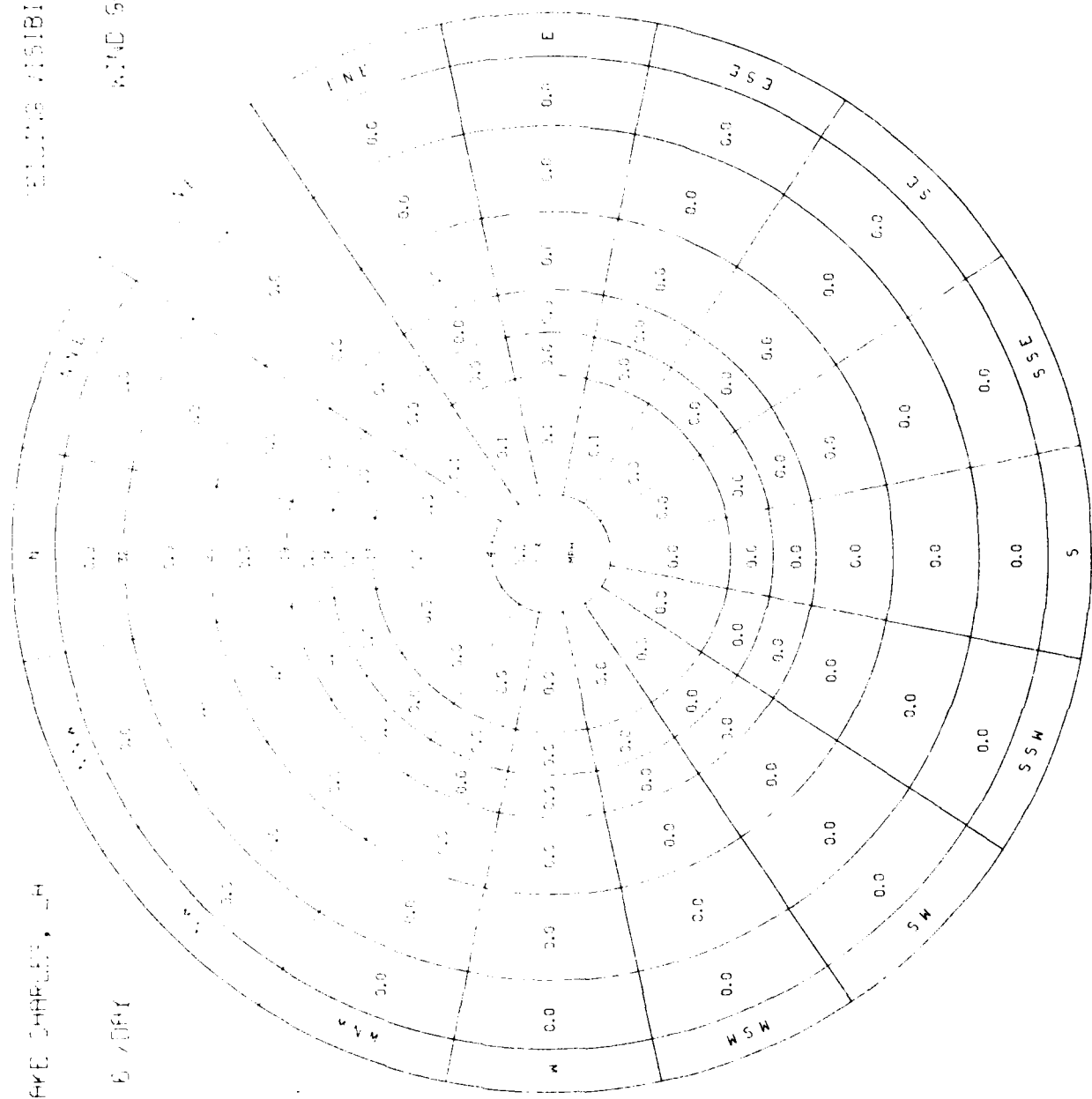
CLASS 5 / NIGHT

STATION NUMBER: 03937

NO. OBS.: 388

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.3	.1	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	6.3
NNE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.2
NE	.0	.8	.1	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	6.2
ENE	.0	.8	.1	6.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	7.0
E	.0	.8	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	6.2
ESE	.0	.0	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	7.6
SE	.0	.3	.1	8.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.5	8.5
SSE	.0	.5	.2	8.5	.0	1.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	11.3	9.1
S	.0	.3	.2	12.1	.1	4.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.3	17.8	10.5
SSW	.0	.0	.1	4.4	.0	1.0	.0	.5	.0	.3	.0	.0	.0	.0	.0	.1	6.2	10.5
SW	.0	.8	.1	4.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	7.7
WSW	.0	.5	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	6.4
W	.0	.3	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.5
WNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.0	13.7
NW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.2
NNW	.0	.0	.0	1.3	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	1.8	11.3
CALM	.2	13.1														.2	13.1	
TOTAL	.3	18.3	1.2	68.8	.2	10.3	.0	1.3	.0	.8	.0	.3	.0	.3	.0	1.8	100	7.4

RELATIVE VISIBILITY
WIND GRAPH



USN NAVY CHARTS, 1A
CLASS B / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: LAKE CHARLES, LA

CLASS 6 / DAY

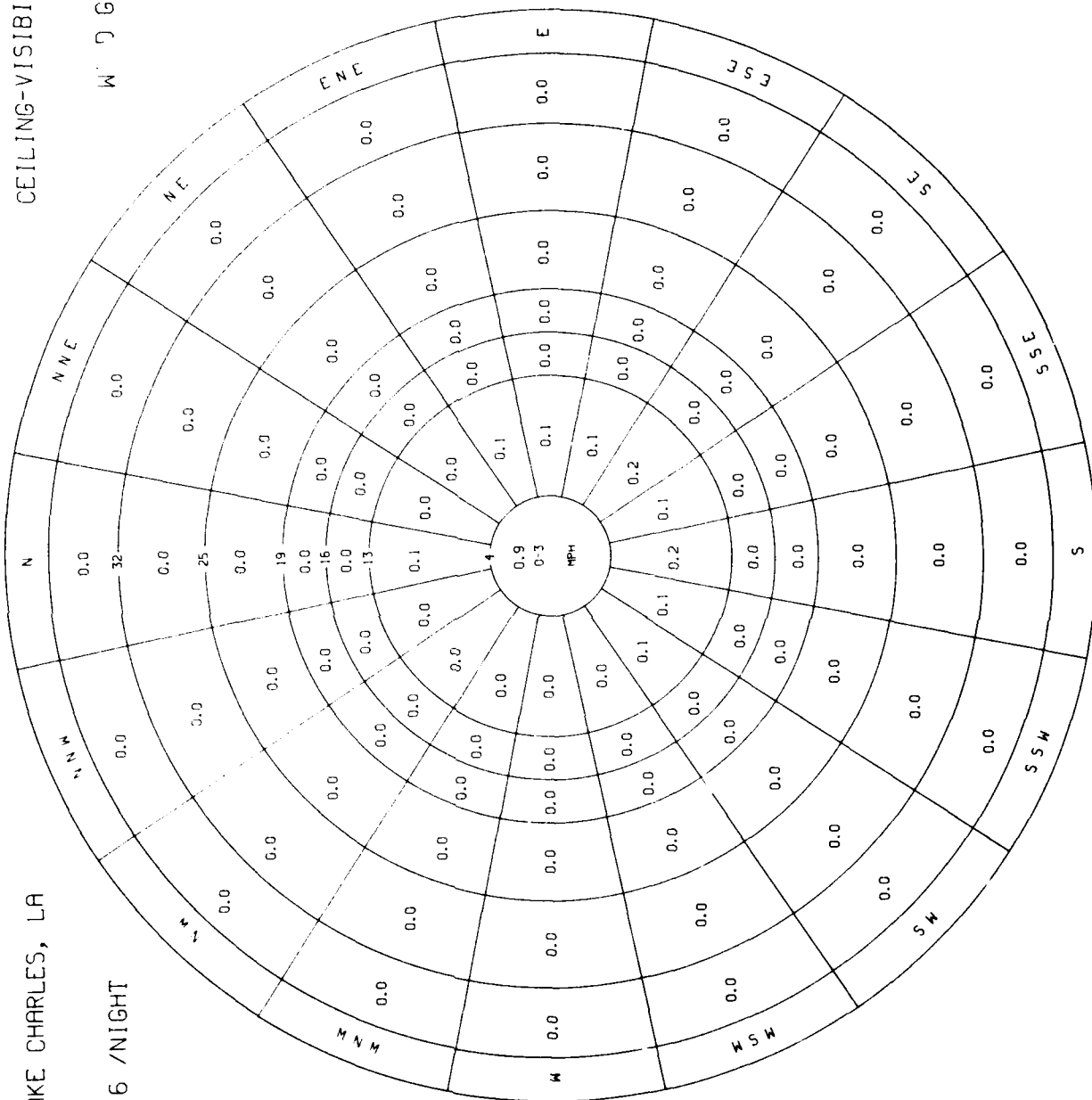
NO. OBS.: 216

STATION NUMBER: 03337

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
NNE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
N E	.0	1.9	.1	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.3
E NE	.0	1.9	.1	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 10.2
E	.0	2.8	.1	13.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 15.7
ESE	.0	.5	.1	10.6	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.1 11.6
SE	.0	1.4	.0	5.1	.0	.5	.0	.0	.0	.5	.0	.0	.0	.0	.1 7.4
SSE	.0	.5	.0	4.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
S	.0	.5	.0	4.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.1
SSW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
SW	.0	.5	.0	2.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
WSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
W	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
WNW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
NW	.0	.5	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
NNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
CALM	.2	19.9													.2 19.9
TOTAL	.2	31.9	.5	64.4	.0	2.8	.0	.5	.0	.5	.0	.0	.0	.0	.8 100
															5.2

CEILING-VISIBILITY

WIND GRAPH



LCH LAKE CHARLES, LA

CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LCH LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS 6 / NIGHT

STATION NUMBER: 03937

NO. OBS.: 499

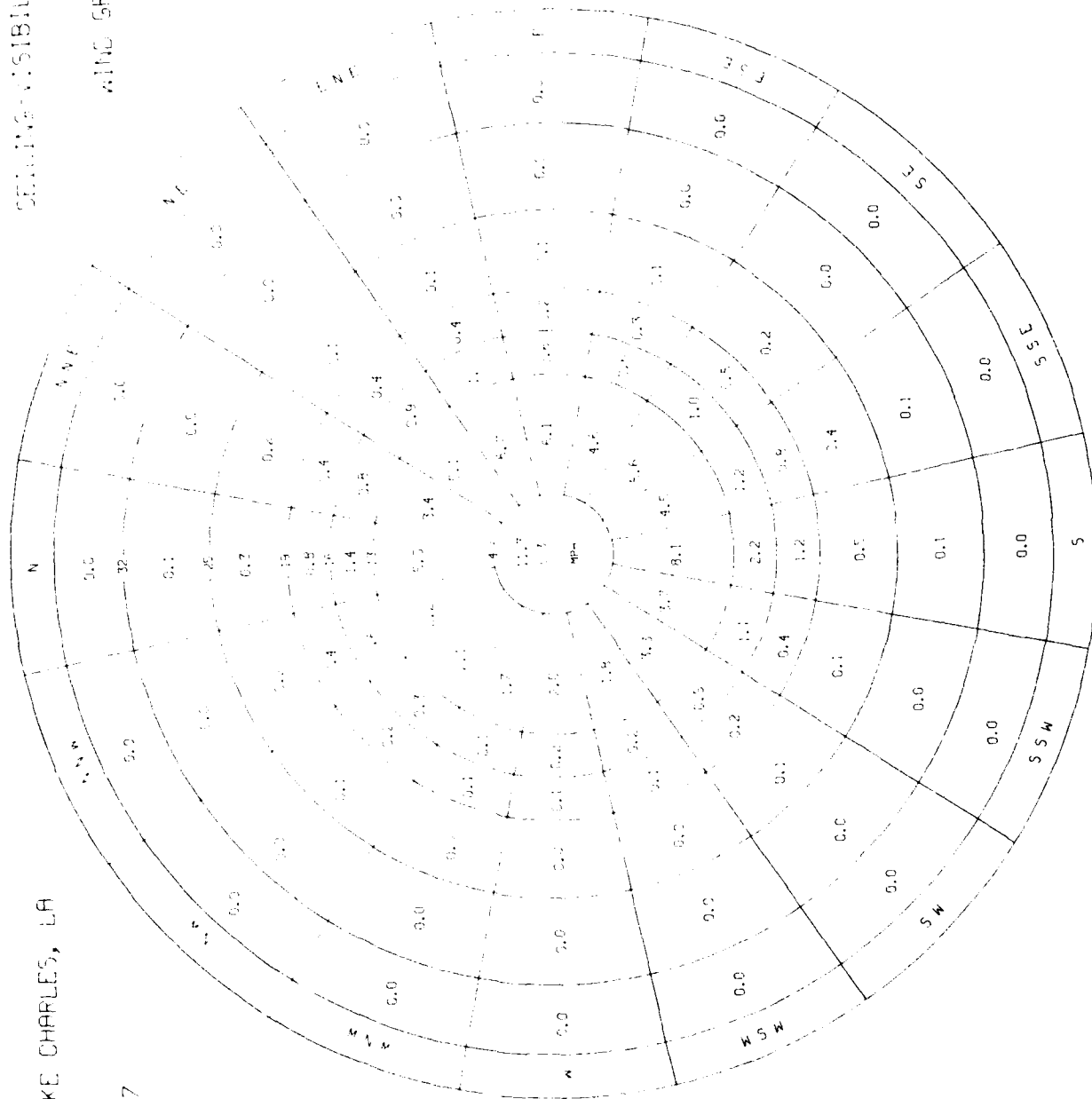
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.6	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	5.9
NNE	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.5
NE	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	4.7
ENE	.0	.4	.1	4.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	6.9
E	.0	.8	.1	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.2	5.7
ESE	.0	1.2	.1	5.2	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	6.8	6.6
SE	.0	1.8	.2	9.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	11.8	6.8
SSE	.0	.6	.1	5.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	7.8
S	.0	.6	.2	8.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.8	7.7
SSW	.0	.6	.1	4.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	7.4
SW	.0	.4	.1	3.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	4.0	7.7
WSW	.0	1.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	5.2
W	.0	.6	.0	2.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	2.8	6.5
WNW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.4
NW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3
NNW	.0	.2	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0
CALM	.6	26.9														.6	26.9	
TOTAL	.9	38.3	1.3	58.3	.1	2.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	2.3	100	4.9

SEMI-VISIBILITY

WIND GRAPH

LCH LAKE CHARLES, LA

CLASS 7

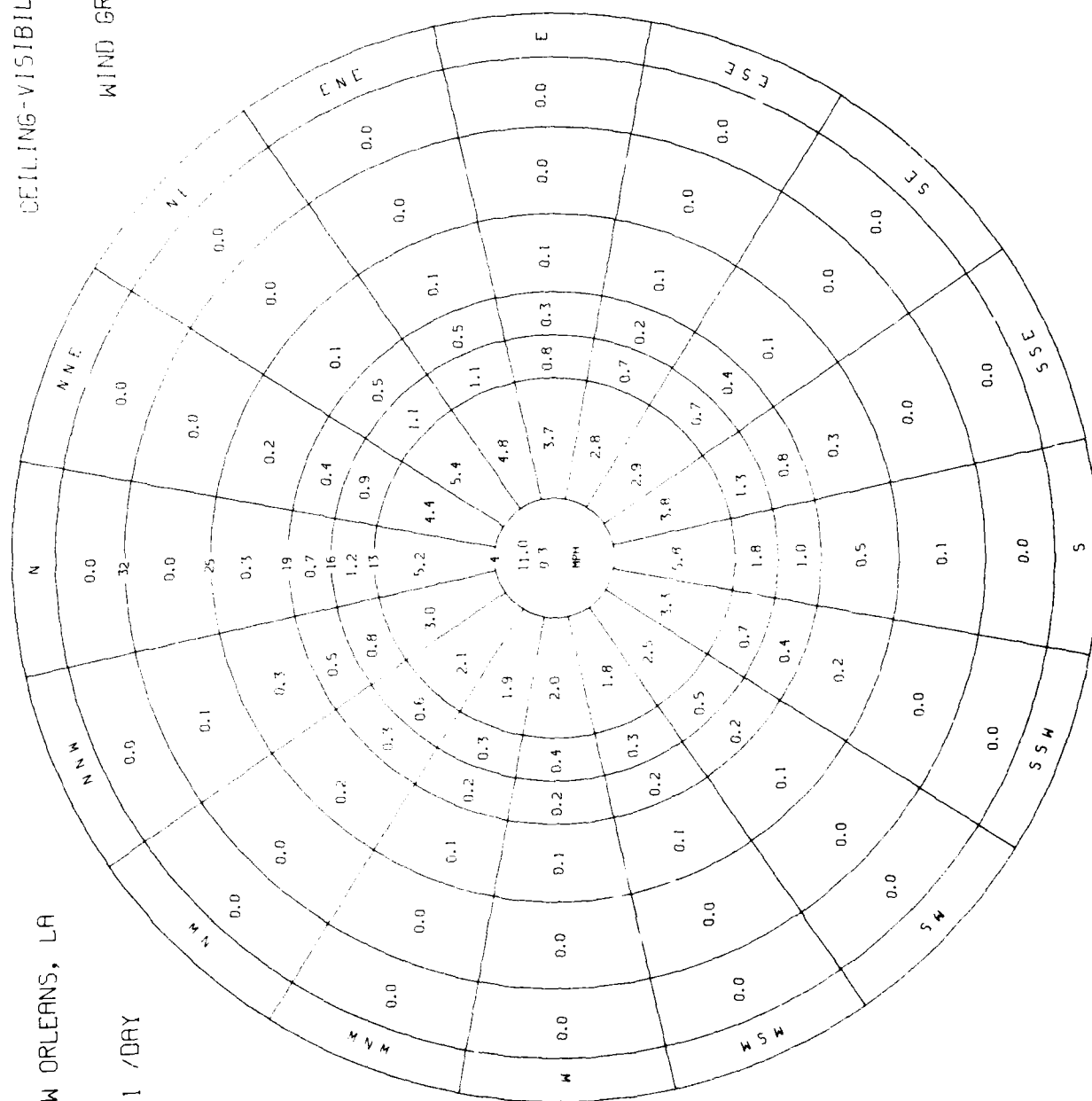


CEILING-VISIBILITY

WIND GRAPH

MSY NEW ORLEANS, LA

CLASS 1 /DAY



PRECEDING PAGE BLANK-NOT FILMED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

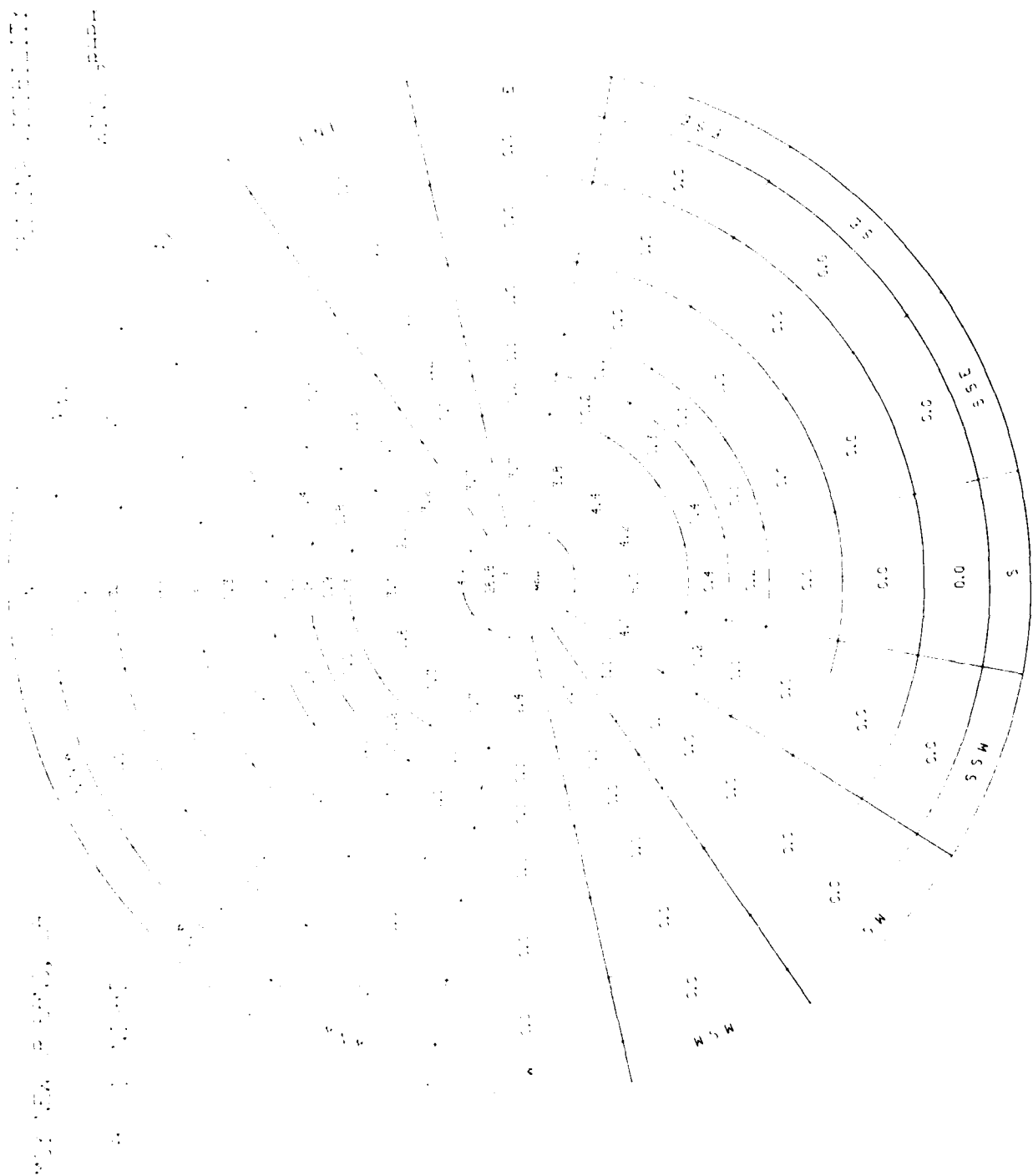
PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 12516

NO. OBS.: 43397

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.6	.7	5.2	5.9	1.2	1.3	.7	.7	.3	.3	.0	.1	.0	.0	8.0	8.9	9.8
NNE	.3	.3	4.4	4.9	.9	1.0	.4	.5	.2	.2	.0	.0	.0	.0	6.2	6.9	9.8
NE	.5	.6	5.4	6.0	1.1	1.2	.5	.5	.1	.1	.0	.0	.0	.0	7.6	8.5	9.5
ENE	.5	.6	4.8	5.3	1.1	1.3	.5	.6	.1	.1	.0	.0	.0	.0	7.1	7.9	9.7
E	.5	.6	3.7	4.2	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	5.5	6.2	9.2
ESE	.2	.3	2.8	3.1	.7	.7	.2	.3	.1	.1	.0	.0	.0	.0	4.0	4.4	9.6
SE	.2	.3	2.9	3.3	.7	.8	.4	.4	.1	.1	.0	.0	.0	.0	4.3	4.8	10.0
SSE	.2	.2	3.8	4.3	1.3	1.4	.8	.8	.3	.4	.0	.0	.0	.0	6.4	7.2	11.4
S	.4	.4	5.8	6.5	1.8	2.1	1.0	1.1	.5	.5	.1	.1	.0	.0	9.6	10.7	11.1
SSW	.3	.3	3.3	3.7	.7	.8	.4	.5	.2	.3	.0	.0	.0	.0	5.0	5.6	10.3
SW	.3	.3	2.5	2.8	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	3.6	4.0	9.4
WSW	.3	.3	1.8	2.0	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.6	2.9	9.0
W	.5	.6	2.0	2.2	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.2	3.6	8.6
WNW	.3	.4	1.9	2.1	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.8	3.2	9.1
NW	.4	.4	2.1	2.3	.6	.6	.3	.4	.2	.2	.0	.0	.0	.0	3.6	4.0	10.0
NNW	.4	.5	3.0	3.3	.8	.9	.5	.6	.3	.3	.1	.1	.0	.0	5.1	5.7	10.5
CALM	5.0	5.5													5.0	5.5	
TOTAL	11.0	12.3	55.5	61.8	13.3	14.8	6.9	7.6	2.6	2.9	.4	.5	.0	.0	89.7	100	9.4



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: MET NEW ORLEANS, LA

CLASS: 1116

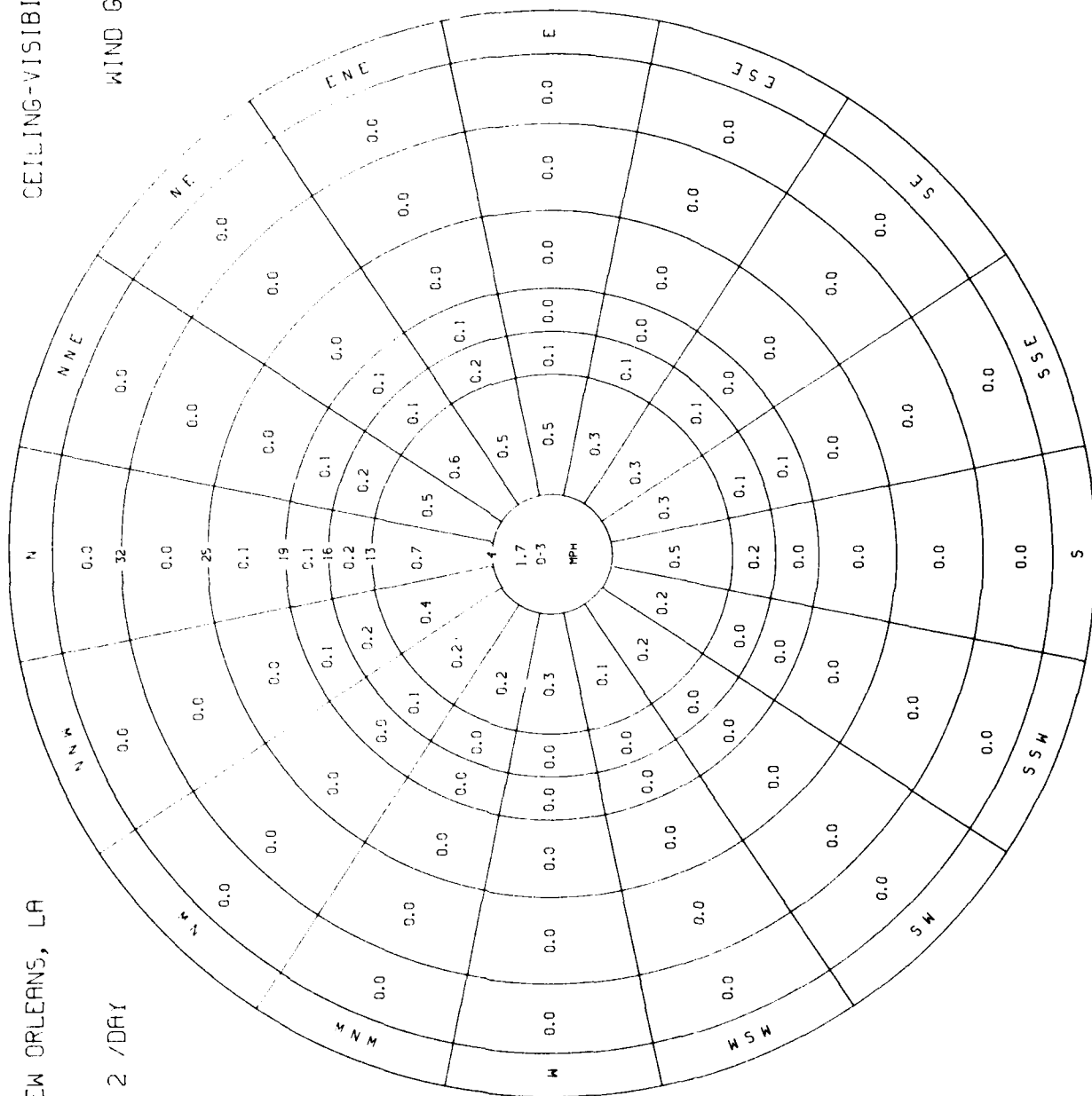
NO. OBS.: 34087

STATION NUMBER: 12316

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.8	.9	3.1	3.6	.3	1.1	.5	.6	.3	.3	.0	.0	.0	.0	5.7	6.6	10.1
NNE	.5	.6	2.5	2.8	.8	.9	.4	.5	.2	.3	.0	.0	.0	.0	4.5	5.2	10.1
NE	.8	1.0	3.2	3.7	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	5.2	6.0	8.8
ENE	1.0	1.2	3.7	4.3	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.5	6.3	7.6
E	1.1	1.3	3.7	4.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.1	5.9	6.7
ESE	.7	.8	3.8	4.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.8	5.6	7.1
SE	.6	.7	4.4	5.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.5	6.4	7.5
SSE	.5	.5	4.2	4.8	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	5.2	6.0	8.1
S	.7	.8	5.0	5.7	.4	.5	.2	.2	.0	.1	.0	.0	.0	.0	6.3	7.2	7.8
SSW	.6	.7	4.0	4.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.8	5.6	7.0
SW	.9	1.0	3.1	3.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.3
WSW	.8	1.0	2.2	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.5	5.9
W	1.4	1.6	2.4	2.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.9	4.5	5.6
WNW	.7	.8	1.7	1.9	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0	2.6	3.0	7.0
NW	.6	.7	1.3	1.5	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.5	2.9	8.7
NNW	.7	.8	1.6	1.9	.5	.6	.3	.4	.2	.3	.1	.1	.0	.0	3.5	4.0	10.1
CALM	14.4	16.6													14.4	16.6	
TOTAL	26.8	30.8	49.9	57.5	5.8	6.7	2.7	3.1	1.3	1.5	.3	.3	.0	.0	86.8	100	6.5

CEILING-VISIBILITY
WIND GRAPH

MSY NEW ORLEANS, LA
CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: MSY NEW ORLEANS, LA

CLASS 2 / DAY

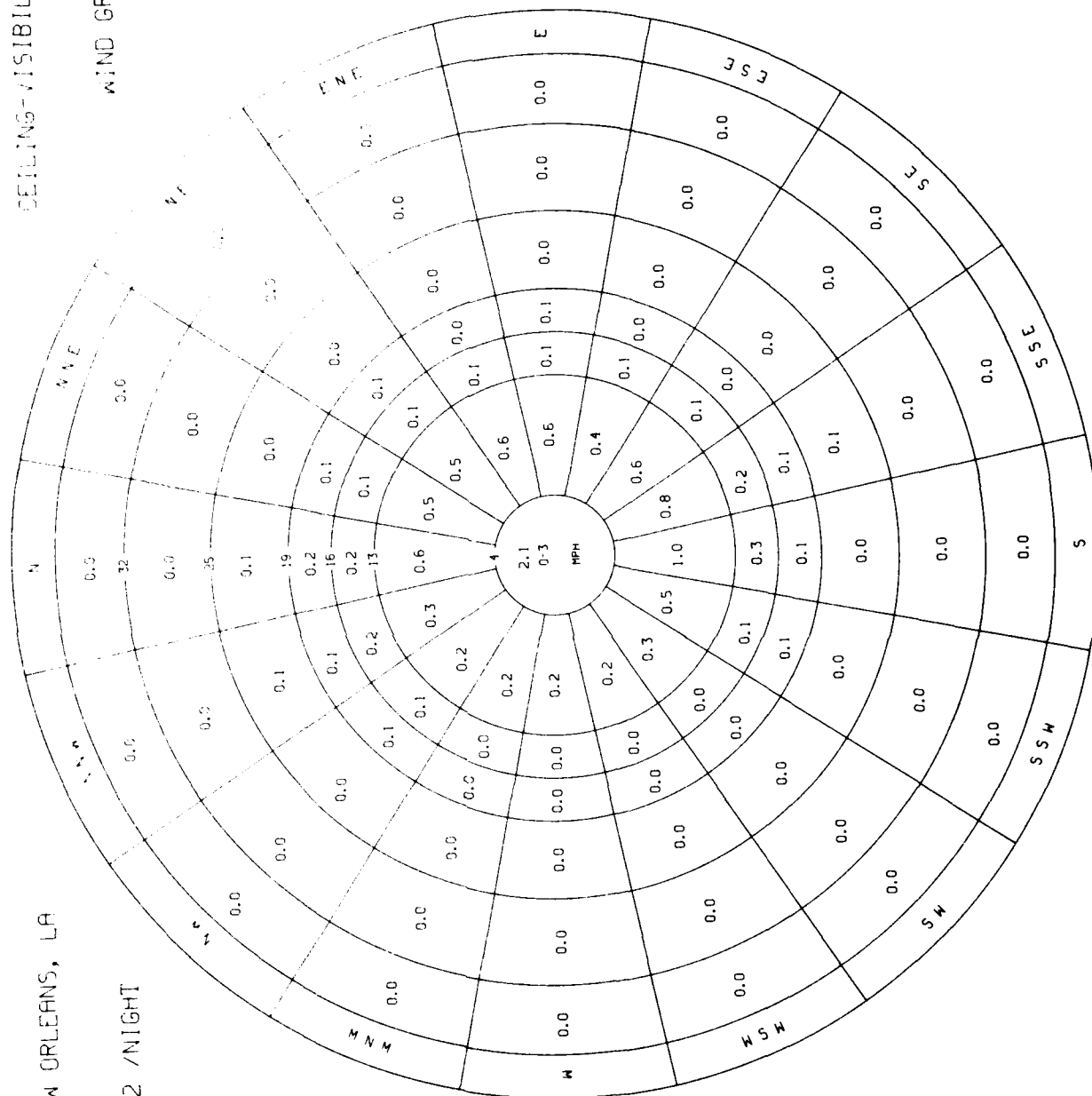
NO. OBS.: 4988

STATION NUMBER: 12916

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.8	.7	6.5	.2	1.9	.1	1.2	.1	.6	.0	.1	.0	.0	1.1 11.1
NNE	.1	.5	.5	4.6	.2	1.5	.1	.8	.0	.4	.0	.1	.0	.0	.8 8.0
NE	.1	.8	.6	5.5	.1	1.3	.1	.8	.0	.3	.0	.0	.0	.0	.9 8.8
ENE	.1	.7	.5	5.1	.2	1.6	.1	.6	.0	.3	.0	.1	.0	.0	.9 8.5
E	.1	.9	.5	4.8	.1	.9	.0	.4	.0	.2	.0	.1	.0	.0	.7 7.2
ESE	.0	.3	.3	3.0	.1	.7	.0	.2	.0	.2	.0	.0	.0	.0	.5 4.6
SE	.0	.3	.3	2.8	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.4 4.2
SSE	.0	.4	.3	3.2	.1	1.0	.1	.9	.0	.3	.0	.1	.0	.0	.6 5.9
S	.1	.7	.5	4.8	.2	1.5	.0	.5	.0	.5	.0	.1	.0	.0	.8 8.0
SSW	.0	.3	.2	1.9	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.3 3.2
SW	.0	.2	.2	1.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2 2.4
WSW	.0	.4	.1	1.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2 2.1
W	.1	.7	.3	2.4	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.4 3.7
WNW	.0	.4	.2	1.9	.0	.5	.0	.2	.0	.1	.0	.1	.0	.0	.3 3.2
NW	.0	.4	.2	2.4	.1	.6	.0	.4	.0	.3	.0	.1	.0	.0	.4 4.2
NNW	.0	.5	.4	3.8	.2	1.6	.1	.6	.0	.5	.0	.1	.0	.0	.7 7.1
CALM	.8	7.9													.8 7.9
TOTAL	1.7	16.2	5.8	55.9	1.5	14.8	.8	7.8	.4	4.1	.1	1.0	.0	.2	10.3 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSR NEW ORLEANS, LA

PERIOD: 1949-1978

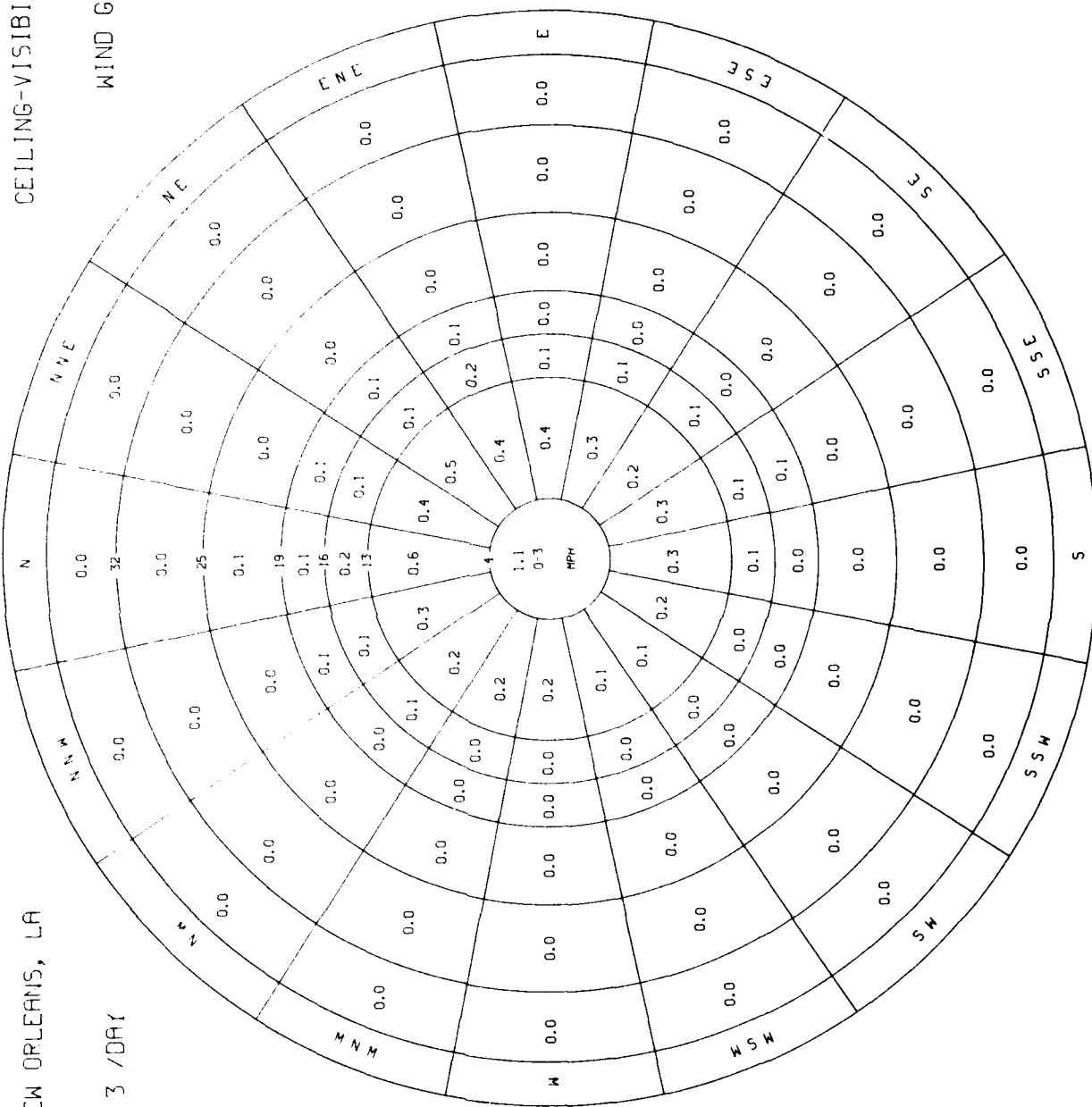
CLASS 2 / NIGHT

STATION NUMBER: 12916

NO. OBS.: 5177

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.9	.6	4.7	.2	1.8	.2	1.2	.1	.4	.0	.0	.0	.0	1.2 9.0 10.9
NNE	.1	.6	.5	3.9	.1	1.1	.1	.9	.0	.3	.0	.0	.0	.0	.9 6.8 10.6
NE	.1	.8	.5	4.1	.1	.9	.1	.6	.0	.2	.0	.0	.0	.0	.9 6.5 9.6
ENE	.1	.7	.6	4.4	.1	1.1	.0	.3	.0	.2	.0	.1	.0	.1	.9 6.9 9.8
E	.1	1.0	.6	4.2	.1	.7	.1	.6	.0	.2	.0	.0	.0	.0	.9 6.7 9.2
ESE	.1	.5	.4	3.4	.1	.5	.0	.2	.0	.1	.0	.1	.0	.0	.6 4.8 8.9
SE	.1	.4	.6	4.5	.1	.6	.0	.3	.0	.2	.0	.0	.0	.0	.8 5.9 9.4
SSE	.1	.6	.8	5.9	.2	1.6	.1	.8	.1	.4	.0	.1	.0	.0	1.2 9.3 10.3
S	.1	.8	1.0	7.9	.3	1.9	.1	1.0	.0	.3	.0	.2	.0	.0	1.6 12.1 10.1
SSW	.0	.3	.5	3.6	.1	.8	.1	.5	.0	.2	.0	.0	.0	.0	.7 5.4 10.2
SW	.0	.3	.3	2.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.4 2.8 8.3
WSW	.0	.3	.2	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.8 8.1
W	.1	.5	.2	1.7	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.6 8.3
WNW	.0	.3	.2	1.4	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.3 9.5
NW	.0	.3	.2	1.9	.1	.6	.1	.5	.0	.3	.0	.0	.0	.0	.5 3.5 11.0
NNW	.1	.5	.3	2.6	.2	1.2	.1	.9	.1	.6	.0	.1	.0	.0	.8 6.0 12.3
CALM	1.0	7.6													1.0 7.6
TOTAL	2.1	16.3	7.6	57.4	1.8	13.7	1.1	8.1	.5	3.6	.1	.7	.0	.2	13.2 100 9.3

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

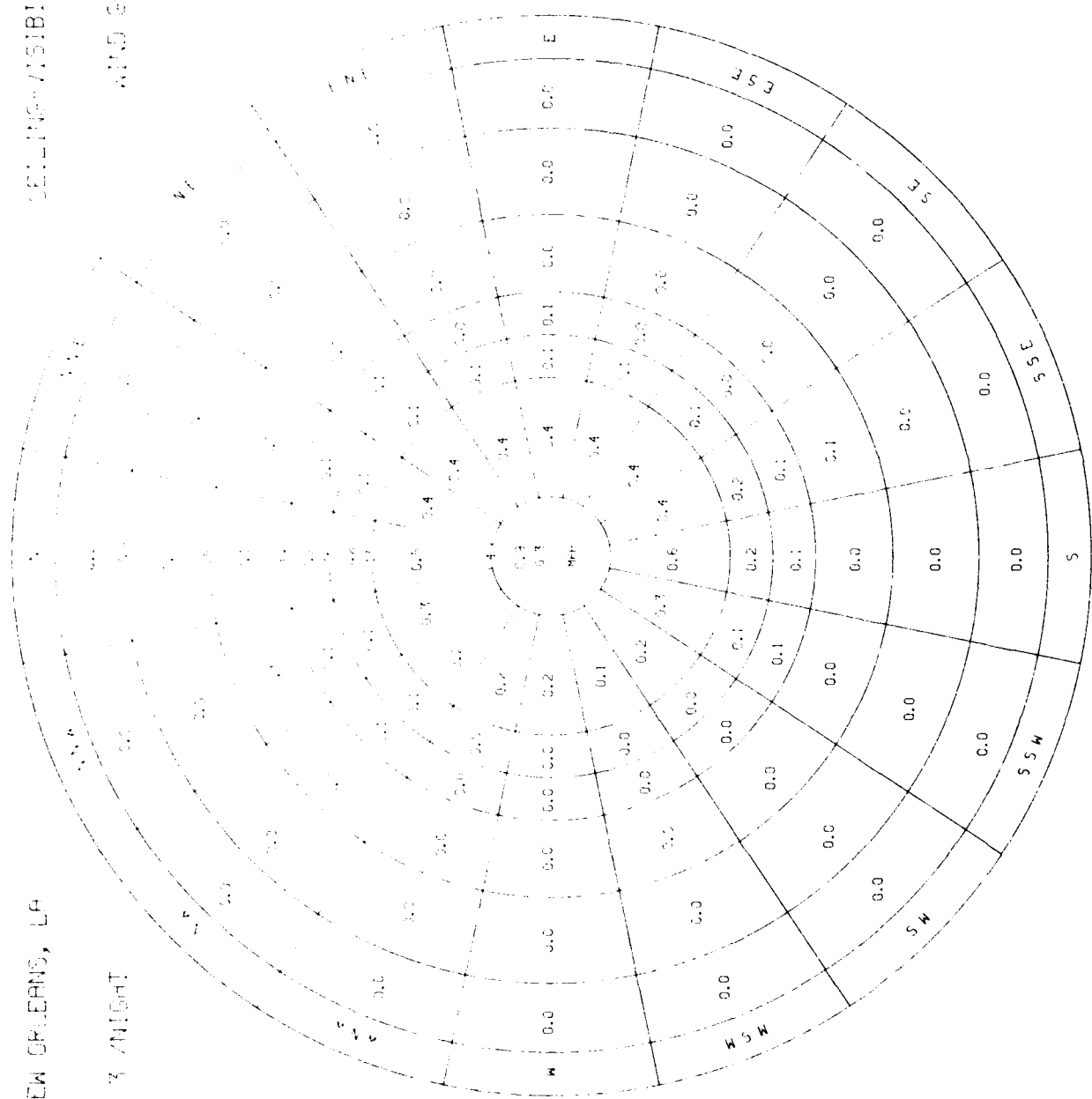
CLASS 3 / DAY

STATION NUMBER: 12916

NO. OBS.: 4121

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
N	.1	.7	.6	6.6	.2	2.1	.1	1.5	.1	.7	.0	.1	.0	.0	1.0	11.6
NNE	.0	.5	.4	5.0	.1	1.7	.1	1.0	.0	.5	.0	.1	.0	.0	.7	8.8
NE	.0	.6	.5	5.4	.1	1.5	.1	.9	.0	.4	.0	.0	.0	.0	.8	8.8
ENE	.0	.5	.4	5.0	.2	1.9	.1	.6	.0	.3	.0	.1	.0	.0	.7	8.4
E	.1	.7	.4	4.8	.1	1.0	.0	.5	.0	.3	.0	.1	.0	.0	.6	7.4
ESE	.0	.2	.3	3.1	.1	.8	.0	.3	.0	.2	.0	.0	.0	.0	.4	4.7
SE	.0	.3	.2	2.9	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.4	4.3
SSE	.0	.3	.3	2.9	.1	1.1	.1	1.0	.0	.3	.0	.1	.0	.0	.5	5.8
S	.0	.6	.3	4.0	.1	1.6	.0	.5	.0	.5	.0	.1	.0	.0	.6	7.3
SSW	.0	.2	.2	1.8	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.3	3.3
SW	.0	.2	.1	1.7	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.4
WSW	.0	.3	.1	1.3	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.1
W	.1	.7	.2	2.6	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.3	3.9
WNW	.0	.4	.2	1.9	.0	.5	.0	.3	.0	.1	.0	.1	.0	.0	.3	3.3
NW	.0	.4	.2	2.4	.1	.8	.0	.5	.0	.3	.0	.1	.0	.0	.4	4.4
NNW	.0	.5	.3	3.6	.1	1.7	.1	.8	.0	.6	.0	.2	.0	.0	.6	7.3
CALM	.5	6.0													.5	6.0
TOTAL	1.1	13.1	4.7	55.1	1.4	16.8	.8	9.0	.4	4.6	.1	1.1	.0	.1	8.5	10.0

MSI NEW ORLEANS, LA
 CLASS 3 NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MET NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 3 / NIGHT

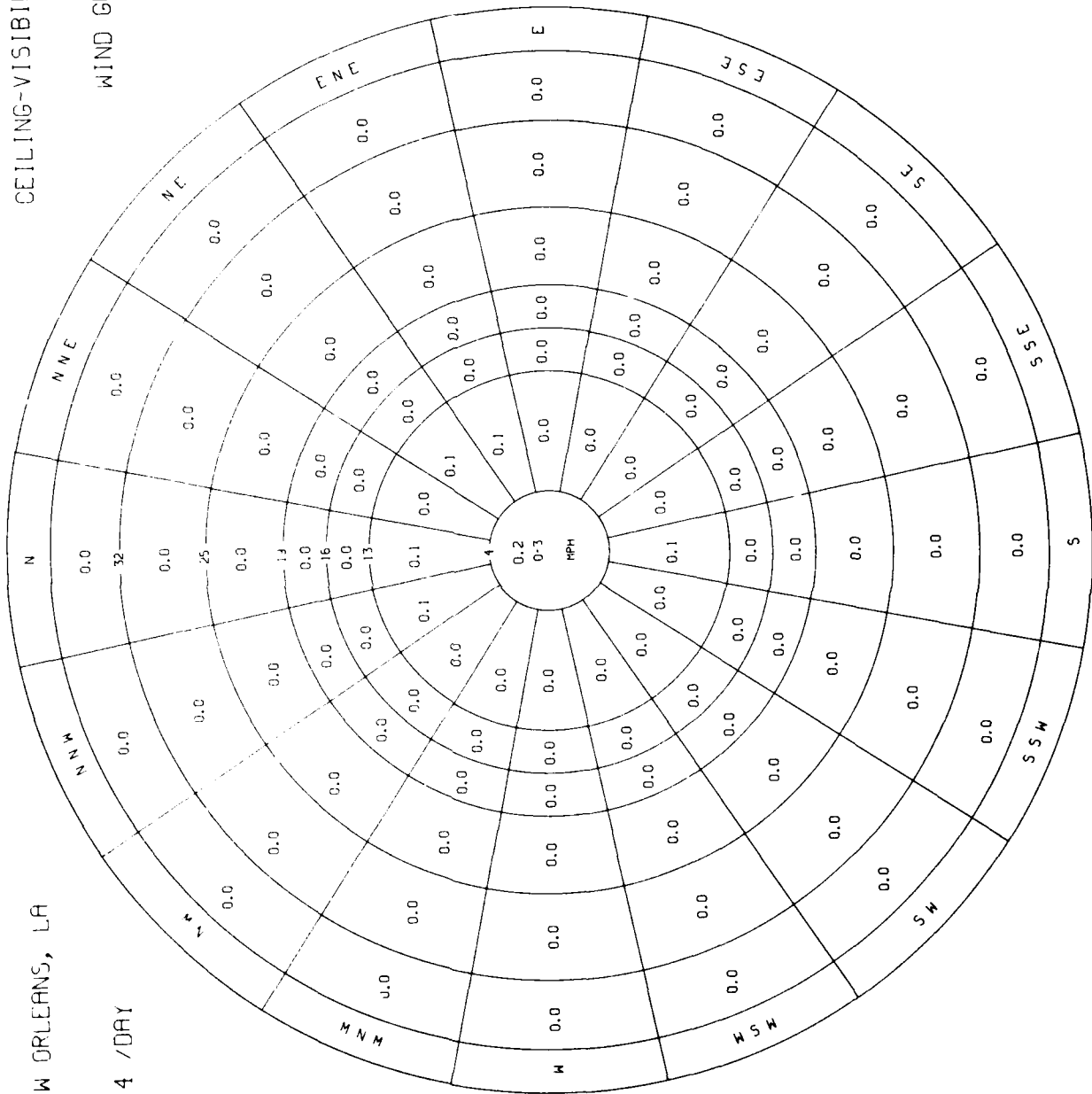
STATION NUMBER: 12916

NO. OBS.: 3670

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.5	.5	4.9	.2	2.4	.2	1.6	.1	.5	.0	.1	.0	.0	.9	10.0	12.0
NNE	.0	.4	.4	4.1	.1	1.4	.1	1.3	.0	.5	.0	.0	.0	.0	.7	7.7	11.4
NE	.1	.5	.4	4.1	.1	1.0	.1	.8	.0	.3	.0	.1	.0	.0	.6	6.7	10.3
ENE	.0	.5	.4	4.4	.1	1.4	.0	.4	.0	.2	.0	.1	.0	.1	.7	7.2	10.6
E	.1	.7	.4	4.1	.1	.9	.1	.8	.0	.2	.0	.1	.0	.0	.6	6.9	10.0
ESE	.0	.3	.4	3.8	.1	.6	.0	.3	.0	.1	.0	.1	.0	.0	.5	5.2	9.8
SE	.0	.1	.4	4.2	.1	.8	.0	.4	.0	.2	.0	.1	.0	.0	.5	5.8	10.6
SSE	.0	.2	.4	4.7	.2	2.0	.1	1.0	.1	.6	.0	.1	.0	.1	.8	8.6	11.9
S	.0	.4	.6	6.2	.2	2.3	.1	1.4	.0	.4	.0	.2	.0	.0	1.0	11.0	11.6
SSW	.0	.2	.3	3.7	.1	1.0	.1	.7	.0	.3	.0	.0	.0	.0	.6	5.9	11.0
SW	.0	.2	.2	2.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	3.0	9.1
WSW	.0	.2	.1	1.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	8.6
W	.0	.5	.2	1.8	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3	2.9	8.7
WNW	.0	.2	.2	1.6	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.2	2.6	10.4
NW	.0	.2	.2	1.7	.1	.8	.1	.7	.0	.4	.0	.0	.0	.0	.4	3.8	12.3
NNW	.0	.3	.3	2.9	.1	1.5	.1	1.2	.1	.8	.0	.2	.0	.0	.7	7.0	13.2
CALM	.4	4.2													.4	4.2	
TOTAL	.9	9.7	5.2	55.7	1.6	17.4	1.0	11.1	.5	4.9	.1	1.0	.0	.2	9.3	10.0	10.6

CEILING-VISIBILITY

WIND GRAPH



MSY NEW ORLEANS, LA

CLASS 4 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: MSY NEW ORLEANS, LA

CLASS 4 / DAY

NO. OBS.: 519

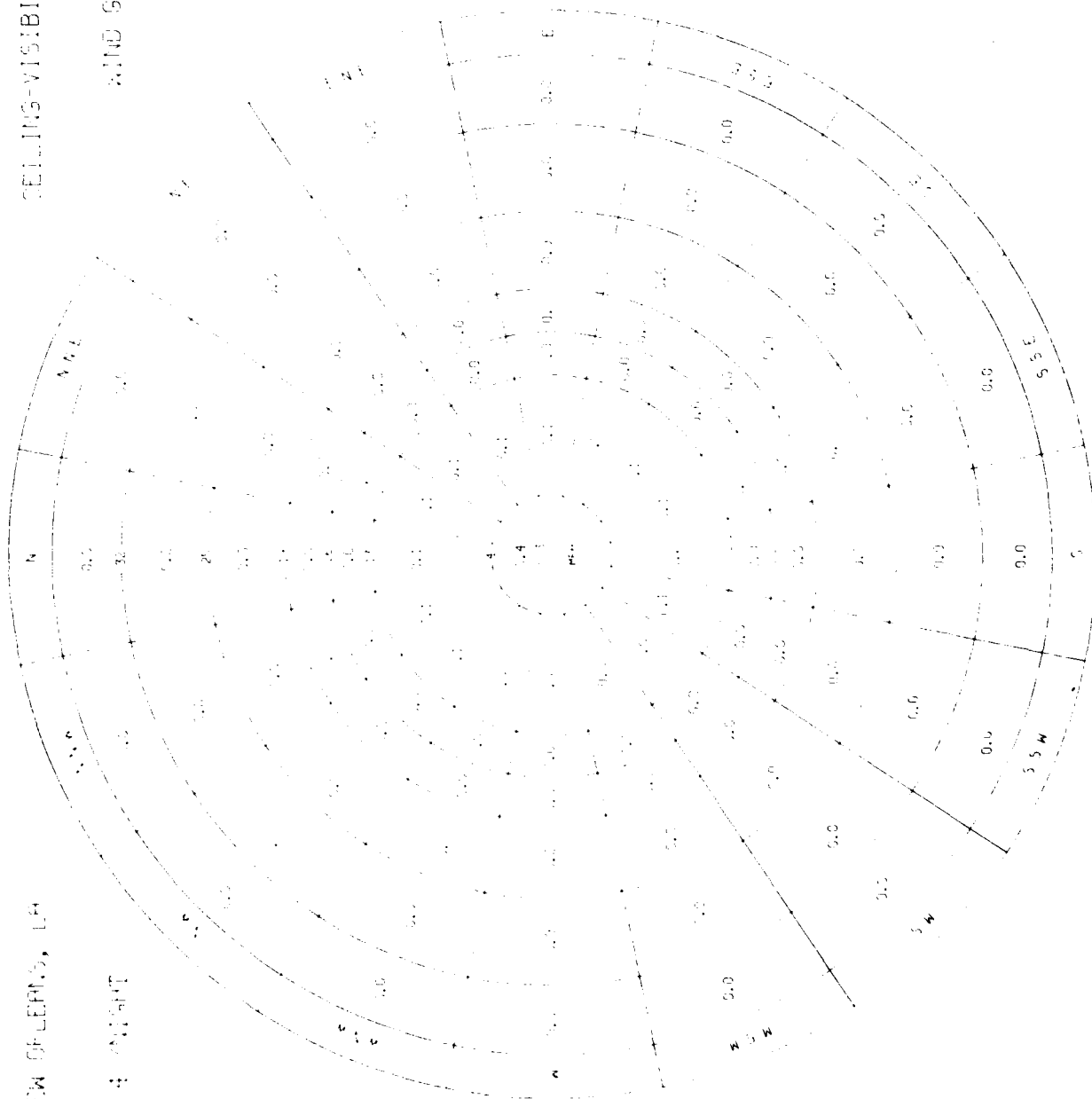
STATION NUMBER: 12916

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
N	.0	.4	.1	6.6	.0	1.0	.0	.4	.0	.2	.0	.0	.0	.0	.1	8.5	9.2
NNE	.0	.2	.0	3.3	.0	1.0	.0	.4	.0	.2	.0	.0	.0	.0	.1	5.0	10.8
NE	.0	.6	.1	8.1	.0	.4	.0	.8	.0	.2	.0	.0	.0	.0	.1	10.0	9.1
ENE	.0	1.3	.1	6.7	.0	.8	.0	.4	.0	.2	.0	.0	.0	.0	.1	9.4	8.3
E	.0	1.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	6.3
ESE	.0	.4	.0	2.5	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	3.3	7.8
SE	.0	.2	.0	2.1	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	3.1	10.6
SSE	.0	.6	.0	3.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.6
S	.0	1.2	.1	8.9	.0	1.2	.0	.4	.0	.8	.0	.0	.0	.0	.1	12.3	9.3
SSW	.0	.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.6
SW	.0	.2	.0	1.3	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	1.9	9.2
WSW	.0	1.0	.0	1.2	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.7	7.3
W	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	3.5	7.8
WNW	.0	.6	.0	2.9	.0	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	4.0	7.8
NW	.0	.2	.0	3.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	4.2	9.0
NNW	.0	.6	.1	4.8	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.2	.1	6.9	9.8
CALM	.1	11.2													.1	11.2	
TOTAL	.2	20.8	.7	65.5	.1	7.3	.0	3.3	.0	2.5	.0	.4	.0	.2	1.1	100	7.7

MSY NEW GLENN, LA

CLOUDS 4 MILE

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: MET NEW ORLEANS, LA

CLASS 4 / NIGHT

NO. OBS.: 667

STATION NUMBER: 12916

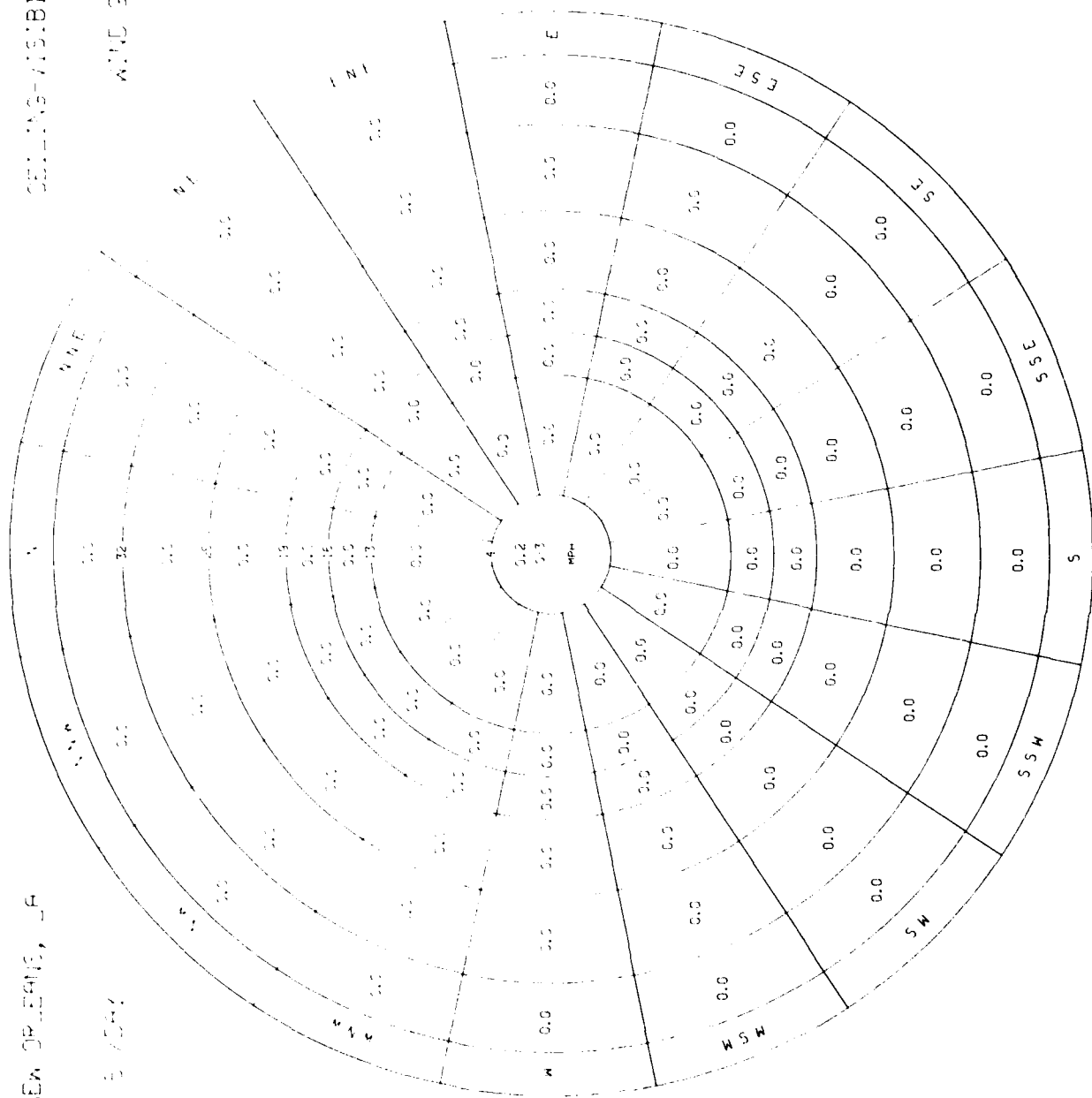
C I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.9	.1	5.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	7.2	8.7
NNE	.0	.9	.1	4.5	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.1	6.1	8.3
N	.0	1.0	.1	3.6	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.1	6.4	9.4
ENE	.0	.7	.1	5.7	.0	.7	.0	.1	.0	.1	.0	.0	.0	.3	.1	7.8	9.3
E	.0	1.0	.1	5.7	.0	.3	.0	.1	.0	.3	.0	.0	.0	.1	.1	7.6	8.9
ESE	.0	.3	.0	2.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	8.2
SE	.0	1.0	.1	4.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	6.9
SSE	.0	1.0	.1	7.5	.0	.9	.0	.1	.0	.0	.0	.0	.0	.0	.2	9.6	8.0
S	.0	1.5	.2	9.4	.0	1.6	.0	.3	.0	.0	.0	.0	.0	.0	.2	12.9	8.5
SSW	.0	.4	.1	3.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	7.8
SW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.1
WSW	.0	.0	.0	1.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	8.7
W	.0	.4	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.1
WNW	.0	.4	.0	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.5
NW	.0	.3	.1	3.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	3.9	8.5
NNW	.0	1.0	.1	3.1	.0	.9	.0	.1	.0	.3	.0	.0	.0	.0	.1	5.5	9.3
CALM	.2	10.8													.2	10.8	
TOTAL	.4	22.0	1.1	65.8	.2	9.0	.0	1.8	.0	.9	.0	.0	.0	.4	1.7	100	7.5

MSY NEW ORLEANS, LA

CLASS 5 / 04

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 12916

NO. OBS.: 169

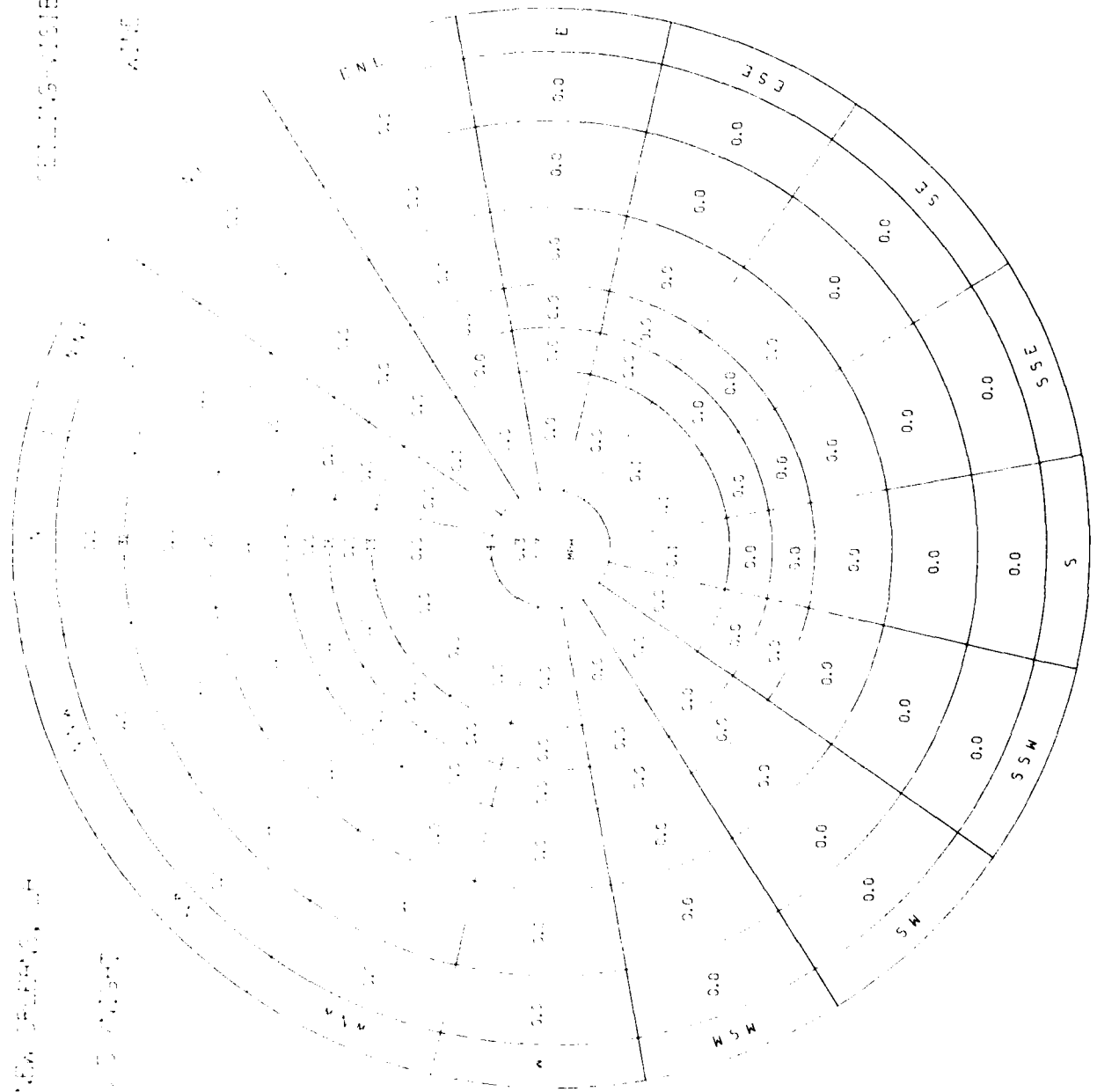
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.4	.0	5.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	6.9
NNE	.0	1.2	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.6
NF	.0	2.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7
ENE	.0	2.4	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	5.4
E	.0	3.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	4.8
ESE	.0	2.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.5
SE	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.0
SSE	.0	1.8	.0	5.9	.0	.6	.0	.6	.0	.0	.0	.0	.6	.0	.0	.0	9.5	8.4
S	.0	.6	.0	10.1	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	7.5
SSW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.7
SW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.5
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
W	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.0
WNW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.0
NW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	1.8	12.7
NNW	.0	1.2	.0	3.6	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	5.9	8.0
CALM	.1	23.7														.1	23.7	
TOTAL	.2	45.0	.2	48.5	.0	4.1	.0	.6	.0	.6	.0	1.2	.0	.0	.3	100		5.0

NOV 1964

100000

CELLING VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MEYER NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 5 / NIGHT

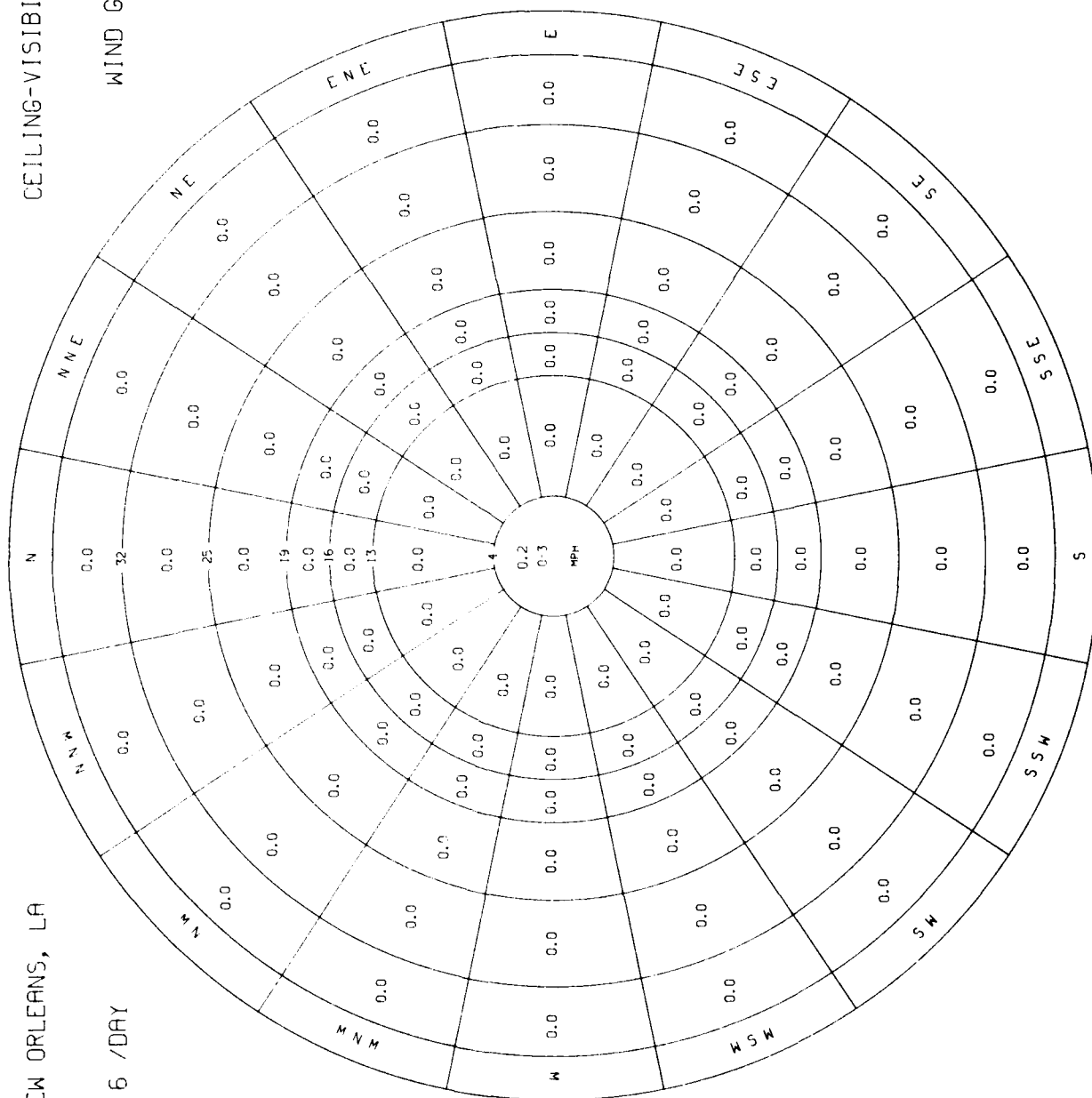
STATION NUMBER: 12914

NO. OBS.: 380

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
N	.0	1.3	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
NNE	.0	.5	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
NE	.0	1.3	.1	5.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4
ENE	.0	.5	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
E	.0	1.3	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3
ESE	.0	1.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
SE	.0	.8	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.6
SSE	.0	1.8	.1	9.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.6
S	.0	1.8	.1	14.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	16.6
SSW	.0	.8	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.8
SW	.0	.5	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
WSW	.0	.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
W	.0	.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
WNW	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
NW	.0	.5	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
NNW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
CALM	.2	16.6													.2	16.6
TOTAL	.3	32.1	.6	66.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	1.0	100
																5.5

CEILING-VISIBILITY
WIND GRAPH

MSY NEW ORLEANS, LA
CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 6 / DAY

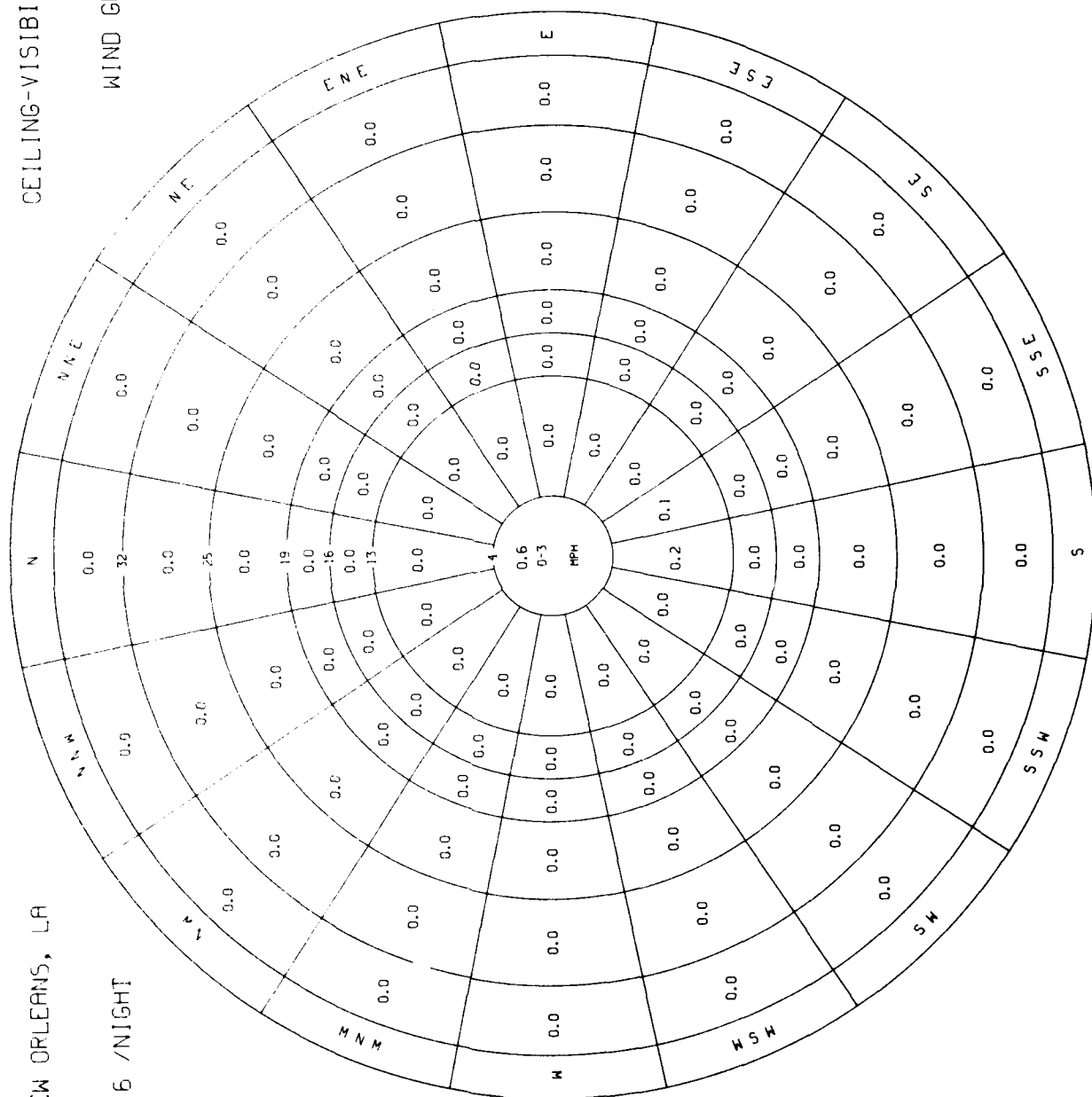
STATION NUMBER: 12916

NO. OBS.: 179

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.8	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.8
NNE	.0	1.1	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.5
NE	.0	3.9	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.9
ENE	.0	3.9	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.1
E	.0	2.2	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.4
ESE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0 3.9
SE	.0	1.1	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
SSE	.0	.6	.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.8
S	.0	2.8	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.9
SSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
SW	.0	1.1	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
W	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
WNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
NW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
NNW	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
CALM	.1	26.3													.1 26.3
TOTAL	.2	46.4	.2	52.5	.0	.0	.0	.0	.0	.6	.0	.0	.0	.6	.4 100
															4.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 6 / NIGHT

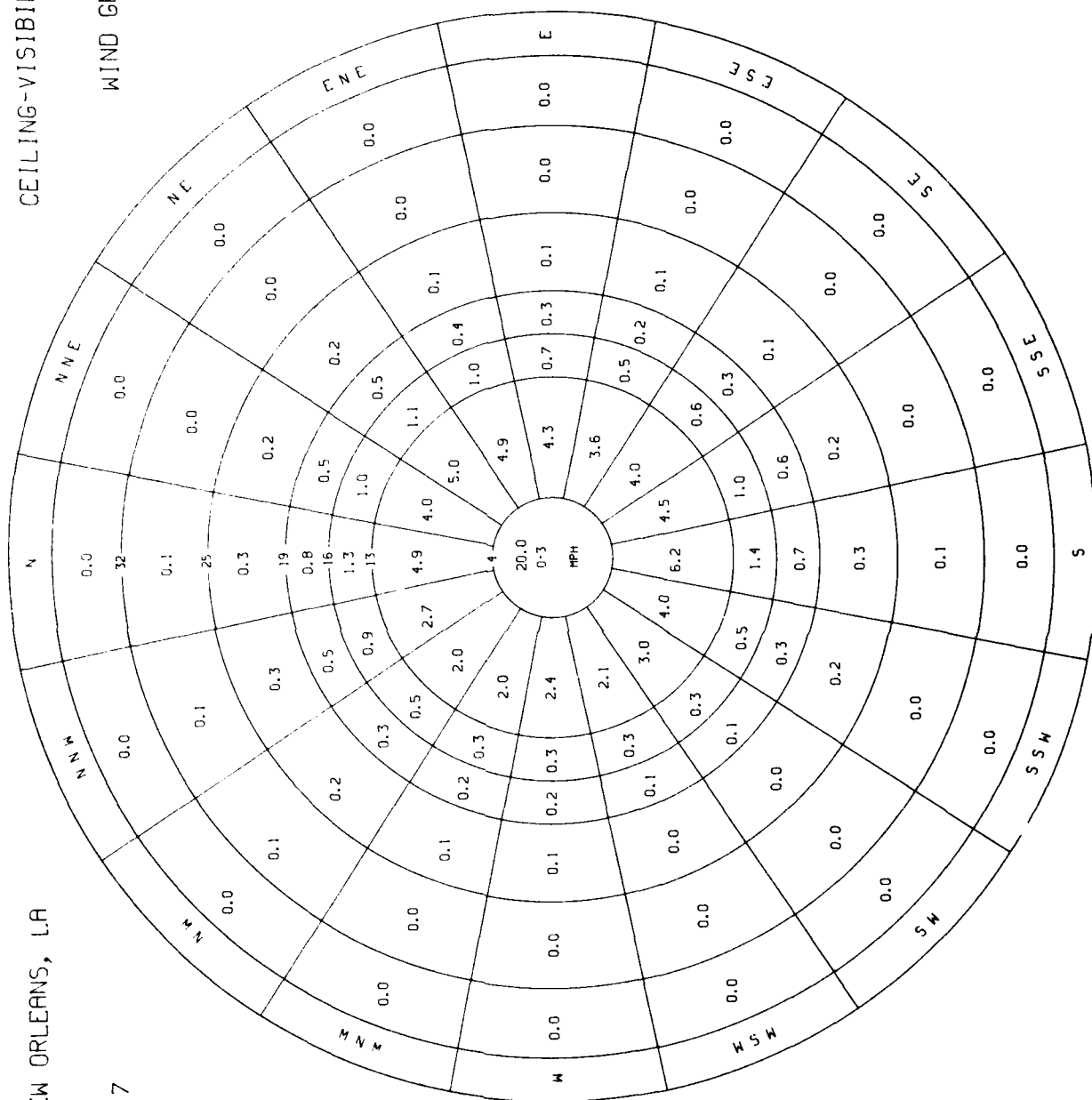
STATION NUMBER: 12916

NO. OBS.: 460

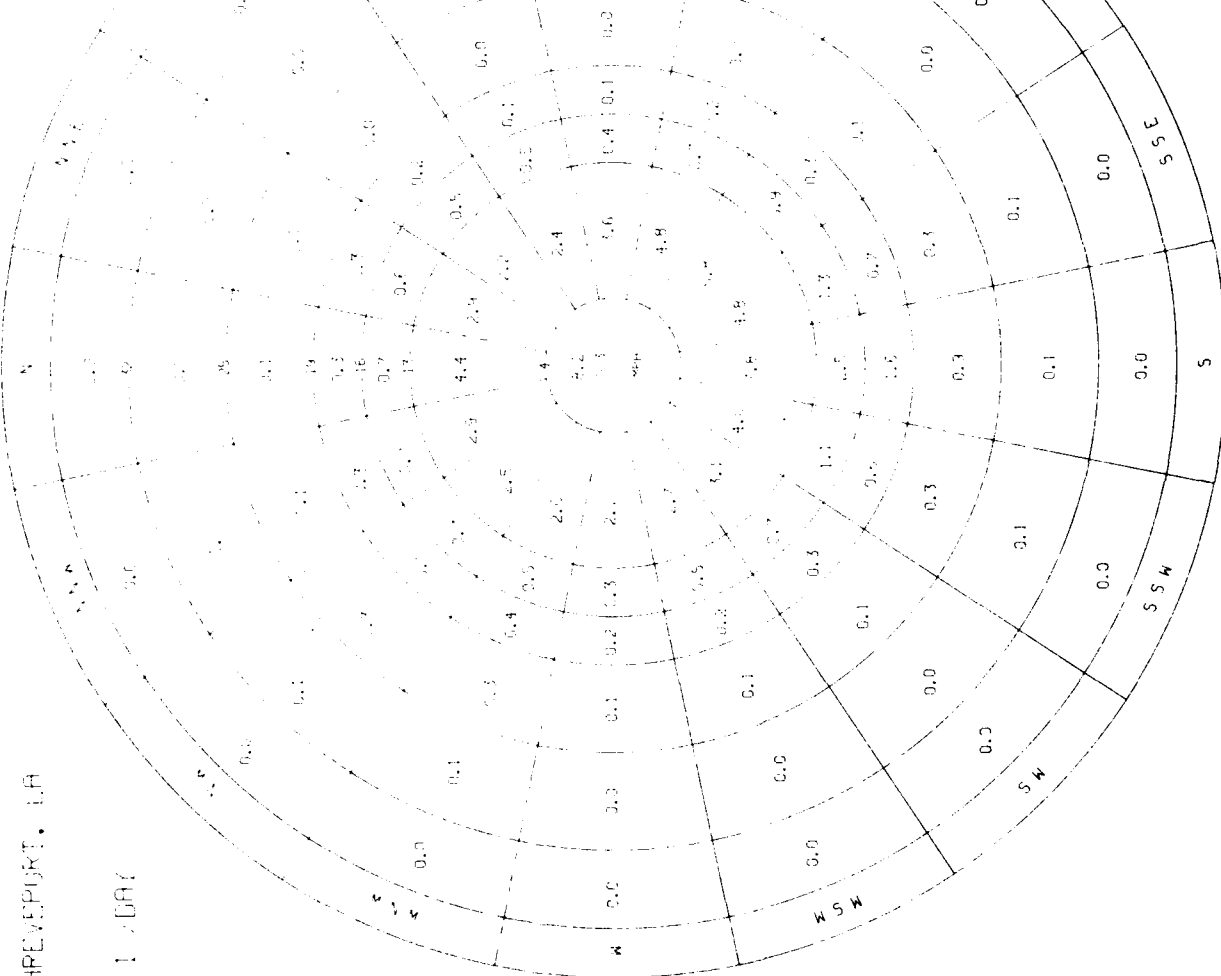
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				
N	.0	3.5	.0	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	4.8	
NNE	.0	1.5	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.5	
NE	.0	1.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	5.0	
ENE	.0	2.8	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	4.7	
E	.0	2.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	4.0	
ESE	.0	1.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5	
SE	.0	1.3	.0	3.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	5.8	
SSE	.0	2.0	.1	10.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.6	6.4	
S	.0	2.8	.2	13.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	16.3	6.0	
SSW	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.5	
SW	.0	.7	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.3	
WSW	.0	.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0	
W	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.7	
WNW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.7	
NW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0	
NNW	.0	1.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.8	
CALM	.3	23.0													.3	23.0		
TOTAL	.6	47.8	.6	51.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2	100	4.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 1 / DAY

NO. OBS.: 36491

STATION NUMBER: 13957

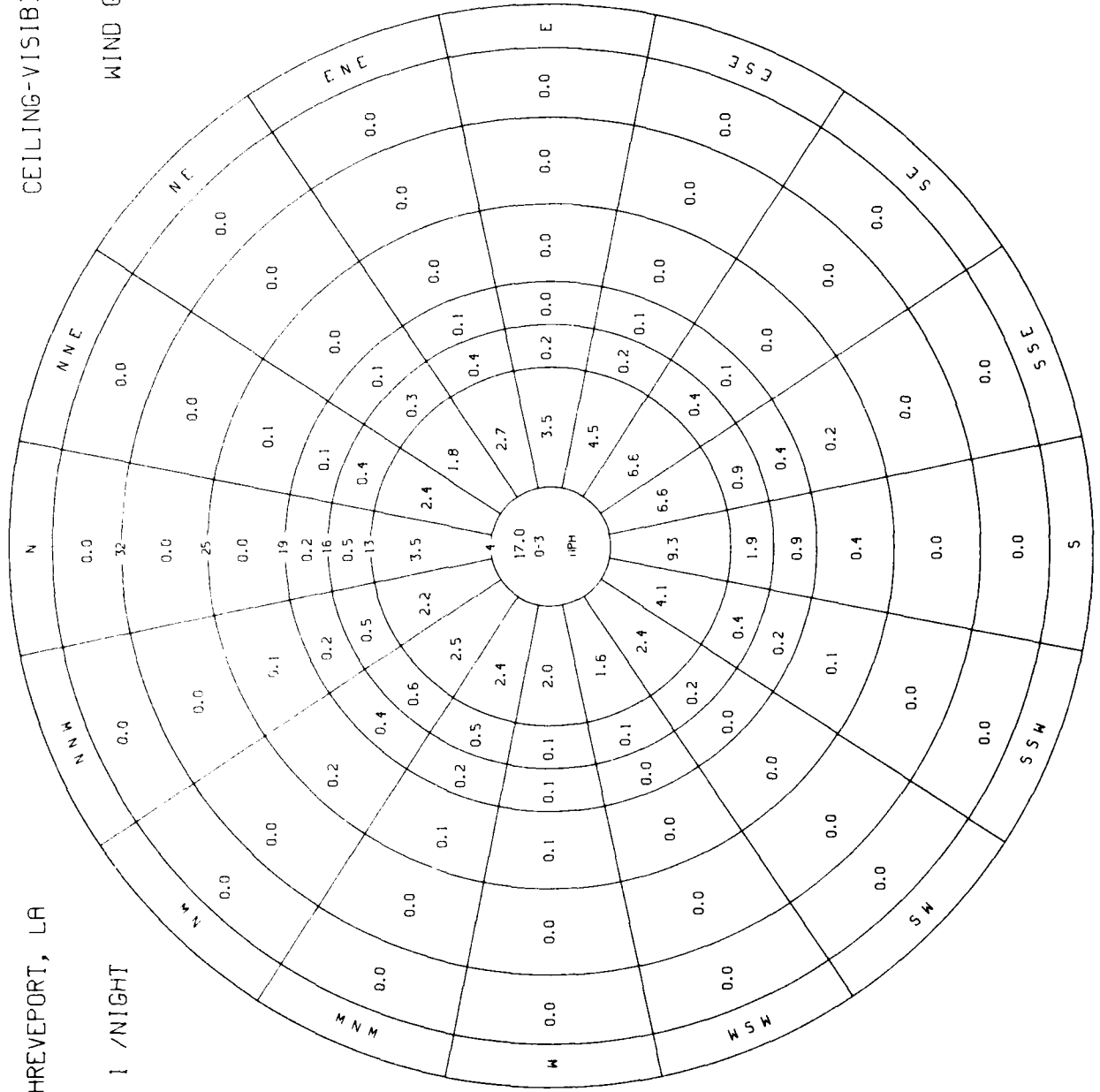
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.3	.3	4.4	4.9	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	5.8	6.5	9.3
NNE	.2	.2	2.9	3.3	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	4.1	4.7	10.0
NE	.2	.2	2.2	2.5	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	3.1	3.5	9.3
ENE	.2	.2	2.4	2.7	.5	.5	.1	.2	.0	.0	.0	.0	.0	.0	3.3	3.7	9.2
E	.3	.4	3.6	4.0	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	4.5	5.0	8.5
ESE	.4	.5	4.8	5.4	.7	.8	.2	.2	.0	.0	.0	.0	.0	.0	6.1	6.9	8.7
SE	.6	.6	5.8	6.5	.9	1.0	.3	.3	.1	.1	.0	.0	.0	.0	7.6	8.6	8.9
SSE	.4	.5	4.8	5.5	1.3	1.5	.7	.8	.3	.4	.1	.1	.0	.0	7.6	8.6	10.4
S	.5	.5	7.8	8.8	2.5	2.8	1.6	1.8	.9	1.0	.1	.2	.0	.0	13.4	15.1	11.4
SSW	.3	.3	4.0	4.5	1.1	1.2	.6	.7	.3	.4	.1	.1	.0	.0	6.4	7.2	10.8
SW	.3	.3	3.1	3.5	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	4.5	5.1	9.7
WSW	.3	.3	2.7	3.1	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	3.9	4.4	9.6
W	.2	.3	2.1	2.3	.3	.3	.2	.2	.1	.2	.0	.0	.0	.0	3.0	3.4	9.7
WNW	.2	.2	2.0	2.3	.5	.6	.4	.4	.3	.3	.1	.1	.0	.0	3.5	3.9	11.3
NW	.2	.3	2.5	2.8	.7	.8	.5	.6	.3	.3	.1	.1	.0	.0	4.4	4.9	11.1
NNW	.2	.3	2.9	3.2	.7	.7	.3	.4	.1	.1	.0	.0	.0	.0	4.2	4.7	9.8
CALM	3.4	3.8											.0	.0	3.4	3.8	
TOTAL	8.2	9.3	58.0	65.4	12.6	14.2	6.3	7.1	3.0	3.4	.5	.6	.0	.0	88.7	100	9.6

SHV SHREVEPORT, LA

CEILING-VISIBILITY

WIND GRAPH

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SHV SHREVEPORT, LA

PERIOD: 1953-1978

CLASS 1 / NIGHT

STATION NUMBER: 13957

NO. OBS.: 30418

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	.2	3.5	4.0	.5	.5	.2	.2	.0	.1	.0	.0	.0	.0	4.4 5.0
NNE	.1	.2	2.4	2.7	.4	.5	.1	.2	.1	.1	.0	.0	.0	.0	3.2 3.7
NNE	.2	.2	1.8	2.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.4 2.8
ENE	.2	.2	2.7	3.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.3 3.8
E	.3	.4	3.5	4.0	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	4.1 4.7
ESE	.7	.8	4.5	5.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.4 6.2
SE	.9	1.0	6.6	7.5	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	8.0 9.2
SSE	.7	.9	6.6	7.6	.9	1.1	.4	.4	.2	.2	.0	.0	.0	.0	8.9 10.1
S	.8	.9	9.3	10.7	1.9	2.2	.9	1.0	.4	.4	.0	.0	.0	.0	13.3 15.2
SSW	.3	.4	4.1	4.7	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.1 5.8
SW	.3	.4	2.4	2.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.9 3.3
WSW	.3	.4	1.6	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1 2.4
W	.4	.4	2.0	2.3	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.6 3.0
WNW	.2	.3	2.4	2.8	.5	.5	.2	.3	.1	.2	.0	.0	.0	.0	3.5 4.0
NW	.2	.2	2.5	2.9	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	3.9 4.4
NNW	.2	.2	2.2	2.6	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	3.3 3.8
CALM	10.9	12.4													10.9 12.4
TOTAL	17.0	19.5	58.1	66.5	7.6	8.7	3.2	3.6	1.4	1.5	.2	.2	.0	.0	87.4 100
															7.6

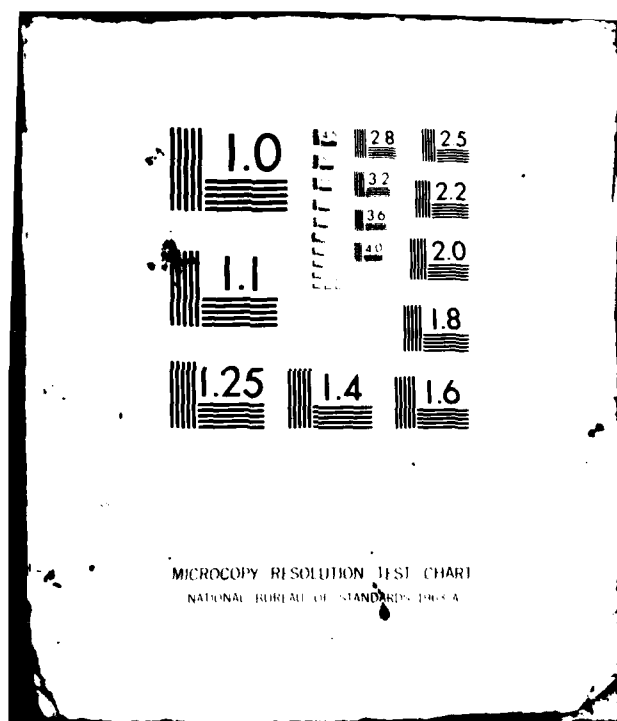
F/G 4/2

DOT-FA79WAI-057

NI

3.

100-1

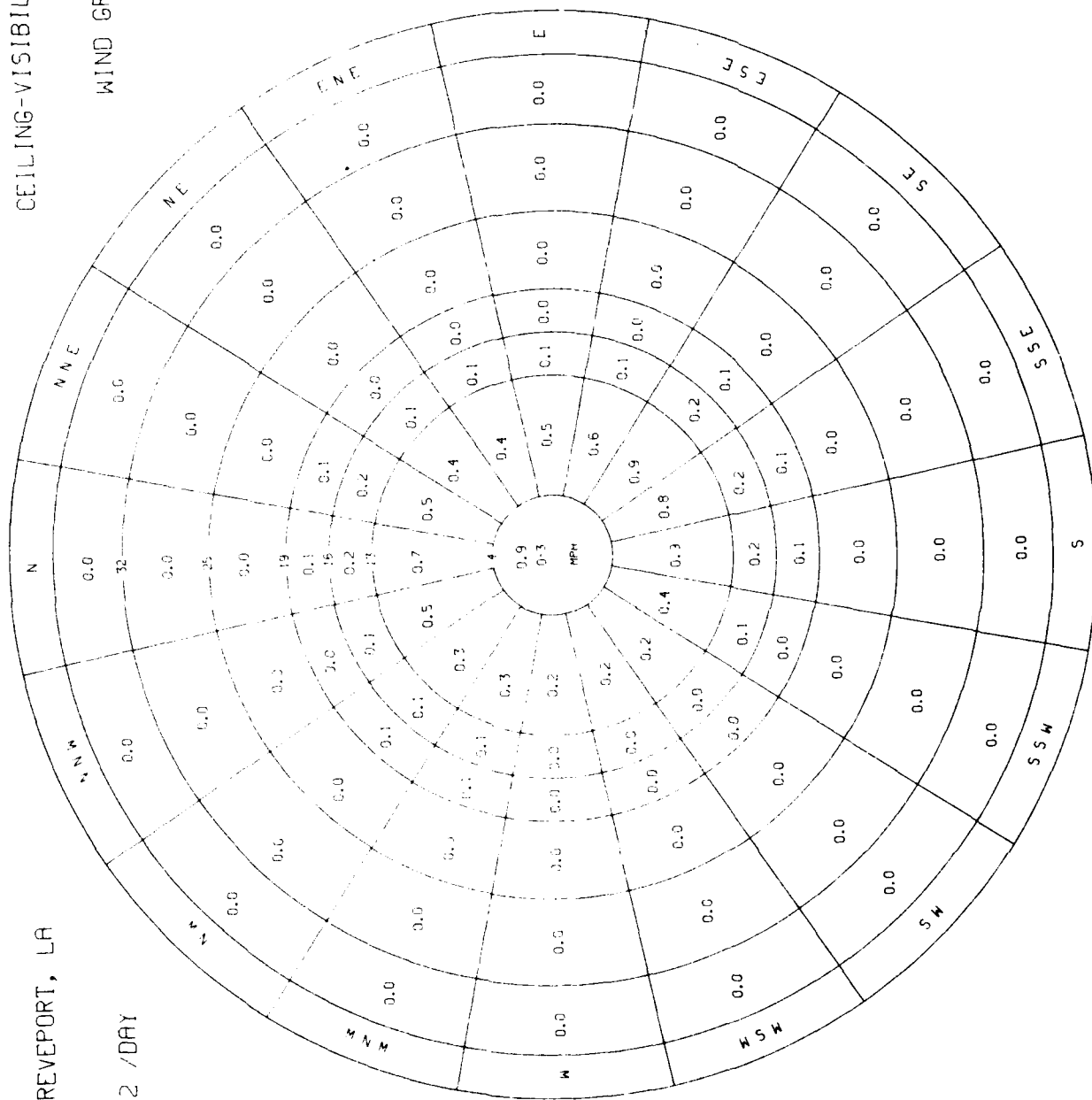


CEILING-VISIBILITY

WIND GRAPH

SHV SHREVEPORT, LA

CLASS 2 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 2 / DAY

NO. OBS.: 4671

STATION NUMBER: 13957

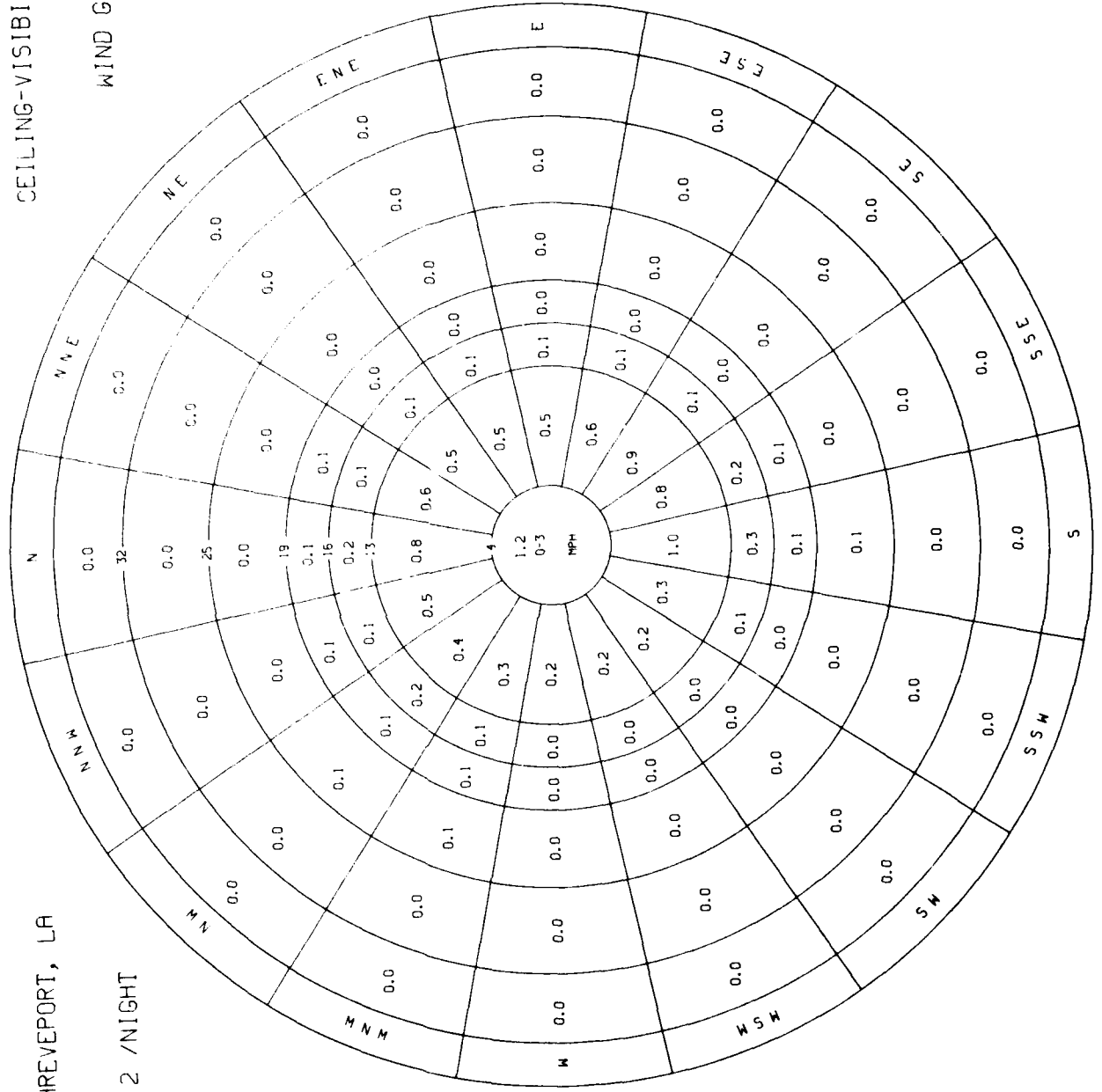
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.7	6.2	.2	1.3	.1	.7	.0	.2	.0	.0	.0	.0	1.0 8.8 10.2
NNE	.0	.3	.5	4.6	.2	1.5	.1	.6	.0	.3	.0	.0	.0	.0	.8 7.3 10.8
NE	.0	.3	.4	3.5	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.6 5.0 9.6
ENE	.0	.3	.4	3.7	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.6 5.3 9.9
E	.0	.1	.5	4.3	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.6 5.6 9.3
ESE	.0	.3	.6	5.2	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.8 6.8 9.0
SE	.1	.5	.9	8.3	.2	1.5	.1	.5	.0	.1	.0	.0	.0	.0	1.2 10.9 9.1
SSE	.0	.3	.8	7.2	.2	1.6	.1	.7	.0	.4	.0	.0	.0	.0	1.2 10.2 10.3
S	.0	.3	.9	8.0	.2	1.8	.1	.7	.0	.1	.0	.0	.0	.0	1.2 11.0 10.0
SSW	.0	.2	.4	3.2	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.5 4.2 9.3
SW	.0	.1	.2	1.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.0 8.8
WSW	.0	.1	.2	1.4	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.2 1.7 9.3
W	.0	.1	.2	1.6	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3 2.4 10.1
WNW	.0	.1	.3	2.4	.1	.7	.1	.5	.0	.3	.0	.1	.0	.0	.5 4.1 11.9
NW	.0	.2	.3	3.0	.1	1.2	.1	.6	.0	.2	.0	.0	.0	.0	.6 5.2 11.2
NNW	.0	.1	.5	4.1	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	.6 5.7 10.1
CALM	.4	3.8													.4 3.8
TOTAL	.9	7.6	7.7	68.2	1.7	15.1	.7	6.4	.3	2.4	.0	.3	.0	.0	11.3 100 9.6

CEILING-VISIBILITY

WIND GRAPH

SHV SHREVEPORT, LA

CLASS 2 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SHV SHREVEPORT, LA

PERIOD: 1953-1978

CLASS 2 / NIGHT

STATION NUMBER: 13957

NO. OBS.: 4394

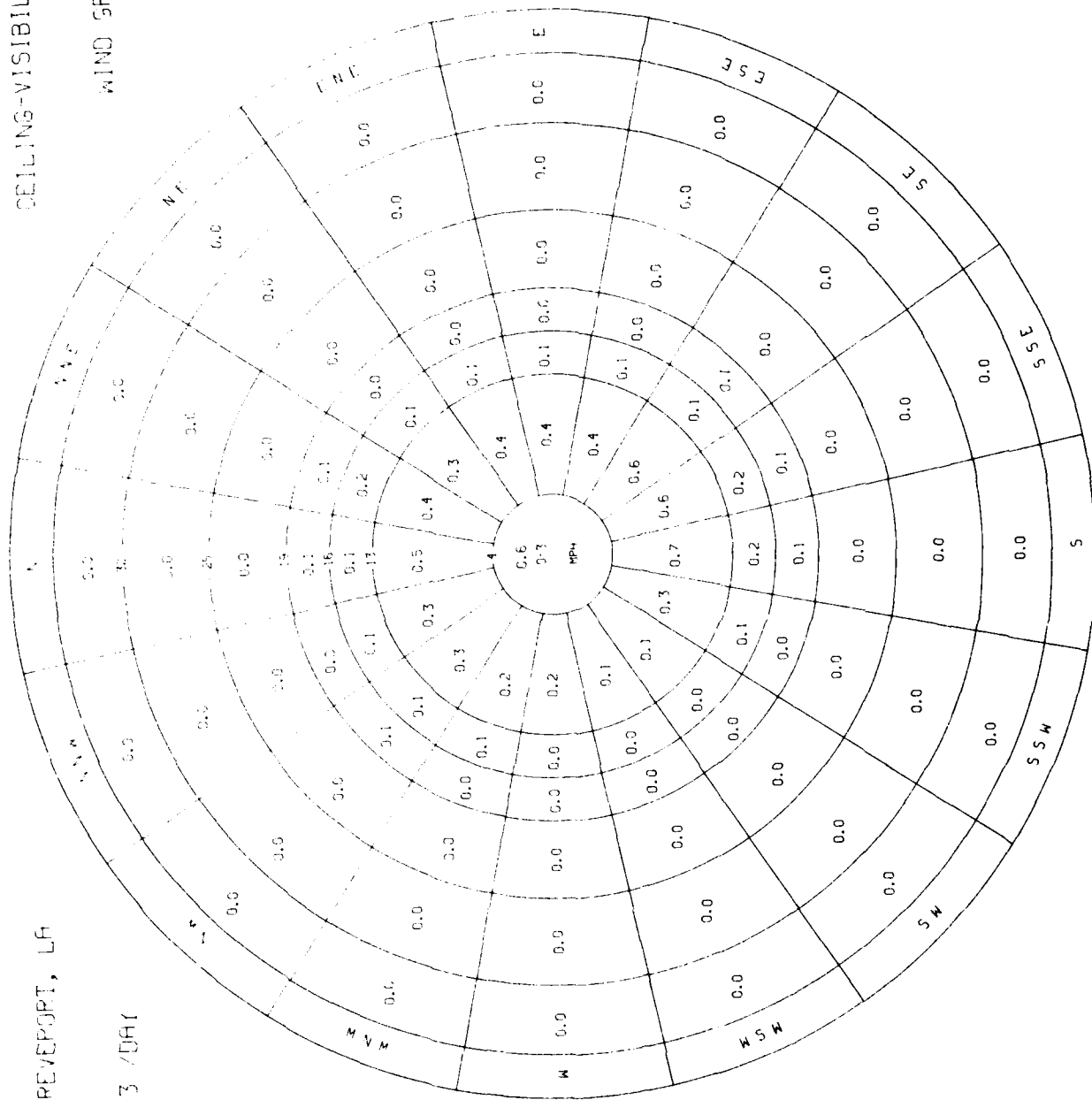
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.4	.8	6.7	.2	1.5	.1	.8	.0	.1	.0	.0	.0	.0	1.2 9.5
NNE	.0	.2	.6	5.1	.1	1.2	.1	.6	.0	.2	.0	.0	.0	.0	.9 7.3
NNE	.0	.2	.5	3.7	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.7 5.2
ENE	.0	.3	.5	3.8	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.6 5.1
E	.0	.3	.5	3.8	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.6 4.8
ESE	.1	.4	.6	4.4	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.7 5.6
SE	.1	.8	.9	6.9	.1	1.1	.0	.3	.0	.2	.0	.0	.0	.0	1.2 9.1
SSE	.1	.4	.8	6.4	.2	1.9	.1	.9	.0	.3	.0	.0	.0	.0	1.3 10.0
S	.0	.2	1.0	8.1	.3	2.3	.1	.8	.1	.5	.0	.0	.0	.0	1.5 11.9
SSW	.0	.1	.3	2.5	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.4 3.4
SW	.0	.3	.2	1.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.1
WSW	.0	.1	.2	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.8
W	.0	.2	.2	1.4	.0	.3	.0	.1	.0	.1	.0	.1	.0	.0	.3 2.2
WNW	.0	.2	.3	2.0	.1	1.1	.1	.5	.1	.5	.0	.1	.0	.0	.6 4.6
NW	.0	.2	.4	3.3	.2	1.4	.1	1.0	.1	.5	.0	.0	.0	.0	.8 6.5
NNW	.1	.4	.5	4.3	.1	.8	.1	.6	.0	.2	.0	.0	.0	.0	.8 6.3
CALM	.6	4.8													.6 4.8
TOTAL	1.2	9.5	8.2	65.2	1.9	15.0	.9	6.9	.4	2.9	.1	.4	.0	.1	12.6 100

CEILING-VISIBILITY

WIND GRAPH

SHV SHREVEPORT, LA

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: FLY BURVEPORT, LA

CLASS 3 / CA

NO. OBS.: 3739

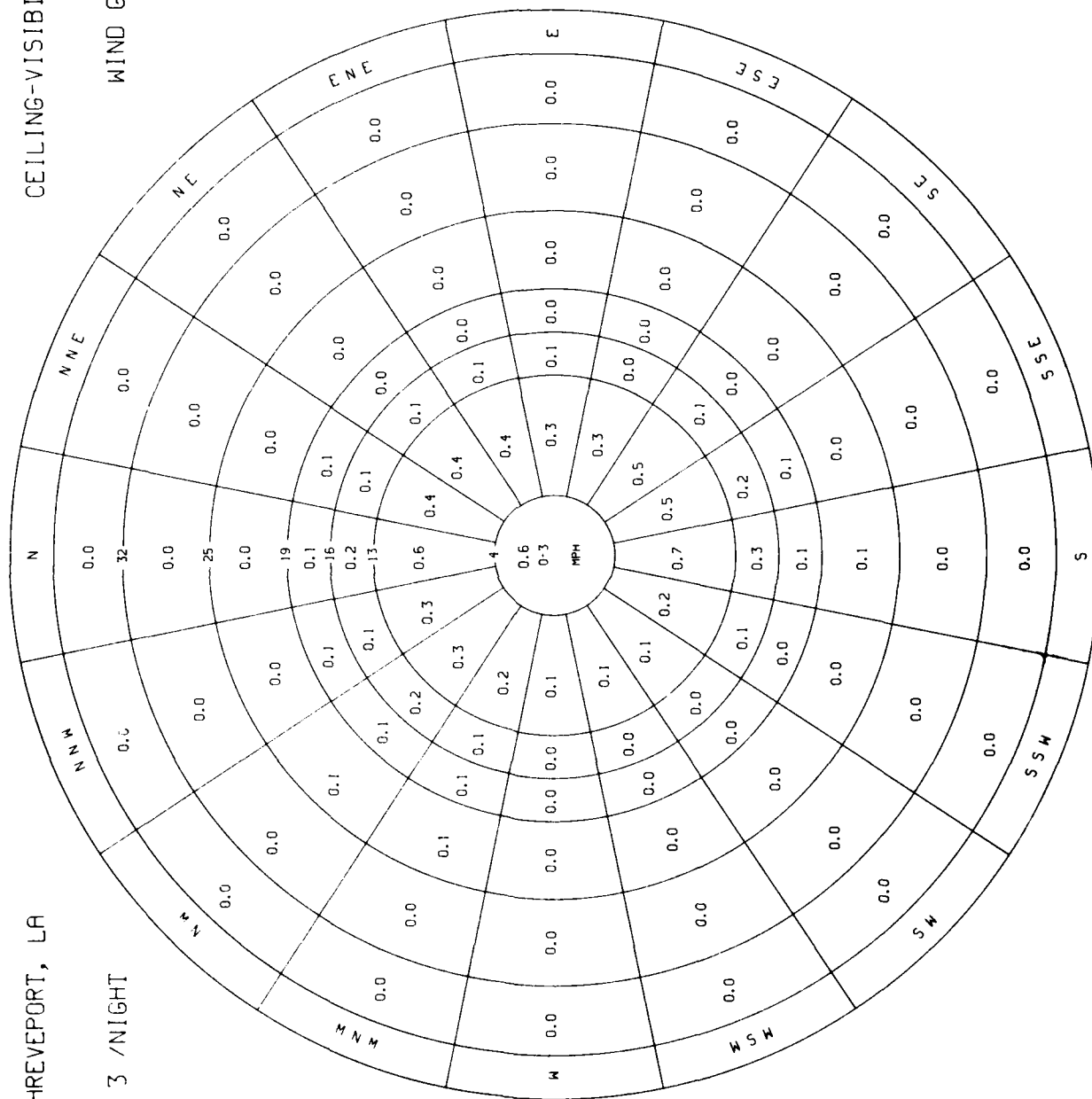
STATION NUMBER: 13457

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.5	6.0	.1	1.5	.1	.8	.0	.2	.0	.0	.0	.0	.8 8.8
NNE	.0	.3	.4	4.6	.2	1.8	.1	.7	.0	.4	.0	.0	.0	.0	.7 7.7
NE	.0	.2	.3	3.5	.1	1.0	.0	.3	.0	.1	.0	.0	.0	.0	.5 5.1
ENE	.0	.2	.4	4.1	.1	1.1	.0	.3	.0	.1	.0	.0	.0	.0	.5 5.9
E	.0	.2	.4	4.4	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.5 6.0
ESE	.0	.2	.4	4.7	.1	.7	.0	.5	.0	.2	.0	.0	.0	.0	.6 6.3
SE	.0	.3	.6	7.1	.1	1.6	.1	.6	.0	.2	.0	.0	.0	.0	.9 9.8
SSE	.0	.3	.6	6.4	.2	1.8	.1	.8	.0	.5	.0	.0	.0	.0	.9 9.8
S	.0	.3	.7	7.8	.2	2.2	.1	.9	.0	.1	.0	.1	.0	.0	1.0 11.4
SSW	.0	.1	.3	3.2	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.4 4.3
SW	.0	.1	.1	1.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.1
WSW	.0	.1	.1	1.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1 1.6
W	.0	.2	.2	1.8	.0	.2	.0	.3	.0	.1	.0	.1	.0	.0	.2 2.6
WNW	.0	.1	.2	2.5	.1	.9	.0	.5	.0	.3	.0	.1	.0	.0	.4 4.3
NW	.0	.3	.3	3.0	.1	1.4	.1	.7	.0	.3	.0	.0	.0	.0	.5 5.6
NNW	.0	.1	.3	3.8	.1	1.1	.0	.5	.0	.1	.0	.1	.0	.0	.5 5.6
CALM	.3	3.2													.3 3.2
TOTAL	.6	6.4	6.0	65.8	1.6	17.2	.7	7.5	.2	2.7	.0	.3	.0	.0	9.1 10.0

SHV SHREVEPORT, LA

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

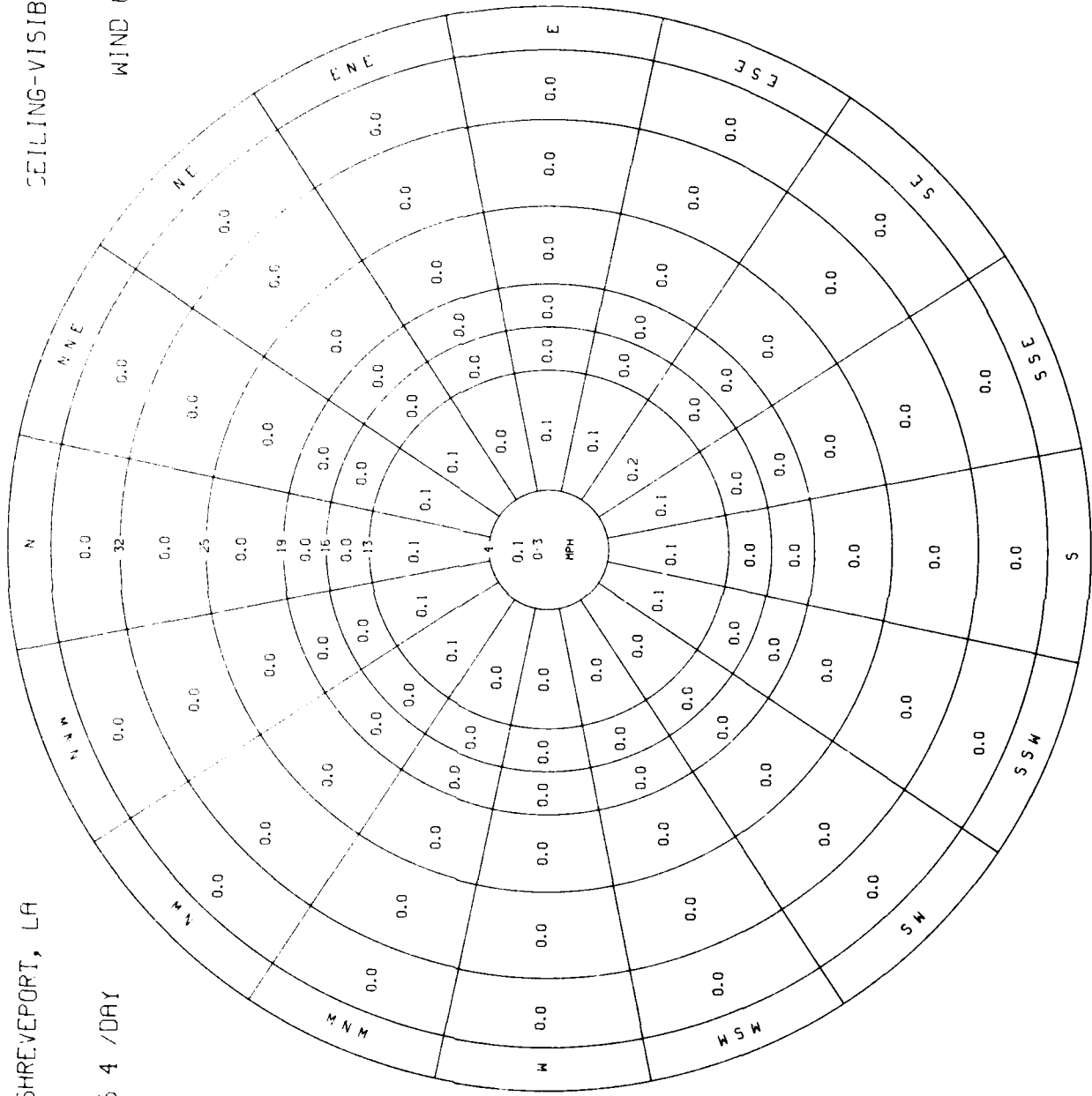
CLASS 3 / NIGHT

NO. OBS.: 3108

STATION NUMBER: 13957

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																A	B
A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.3	.6	6.2	.2	1.8	.1	1.0	.0	.1	.0	.0	.0	.0	.8	9.5	10.5
NNE	.0	.2	.4	4.8	.1	1.5	.1	.7	.0	.2	.0	.1	.0	.0	.7	7.6	11.1
NNE	.0	.2	.4	4.0	.1	1.0	.0	.5	.0	.1	.0	.0	.0	.0	.5	5.8	10.4
ENE	.0	.2	.4	4.2	.1	.8	.0	.4	.0	.2	.0	.0	.0	.0	.5	5.7	10.4
E	.0	.2	.3	3.6	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.4	4.8	9.0
ESE	.0	.3	.3	3.7	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.4	4.8	9.1
SE	.0	.5	.5	5.9	.1	1.4	.0	.3	.0	.3	.0	.0	.0	.0	.7	8.4	9.5
SSE	.0	.2	.5	5.8	.2	2.6	.1	1.3	.0	.4	.0	.0	.0	.0	.9	10.2	11.5
S	.0	.1	.7	7.8	.3	3.0	.1	1.1	.1	.6	.0	.1	.0	.0	1.1	12.7	11.3
SSW	.0	.1	.2	2.5	.1	.6	.0	.4	.0	.1	.0	.1	.0	.0	.3	3.7	10.9
SW	.0	.1	.1	1.3	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.2	1.9	9.8
WSW	.0	.1	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.1	1.5	9.6
W	.0	.1	.1	1.4	.0	.4	.0	.1	.0	.1	.0	.1	.0	.0	.2	2.2	10.5
WNW	.0	.2	.2	1.9	.1	1.4	.1	.7	.1	.7	.0	.1	.0	.0	.5	5.1	13.4
NW	.0	.2	.3	3.2	.2	1.8	.1	1.4	.1	.6	.0	.0	.0	.0	.7	7.3	12.6
NNW	.0	.3	.3	3.7	.1	.9	.1	.7	.0	.2	.0	.0	.0	.0	.5	5.8	10.6
CALM	.3	3.0													.3	3.0	
TOTAL	.6	6.3	5.4	61.0	1.7	18.9	.8	9.1	.3	3.9	.1	.6	.0	.1	8.9	10.0	10.5

SHV SHREVEPORT, LA
 CLASS 4 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 4 / DAY

STATION NUMBER: 13957

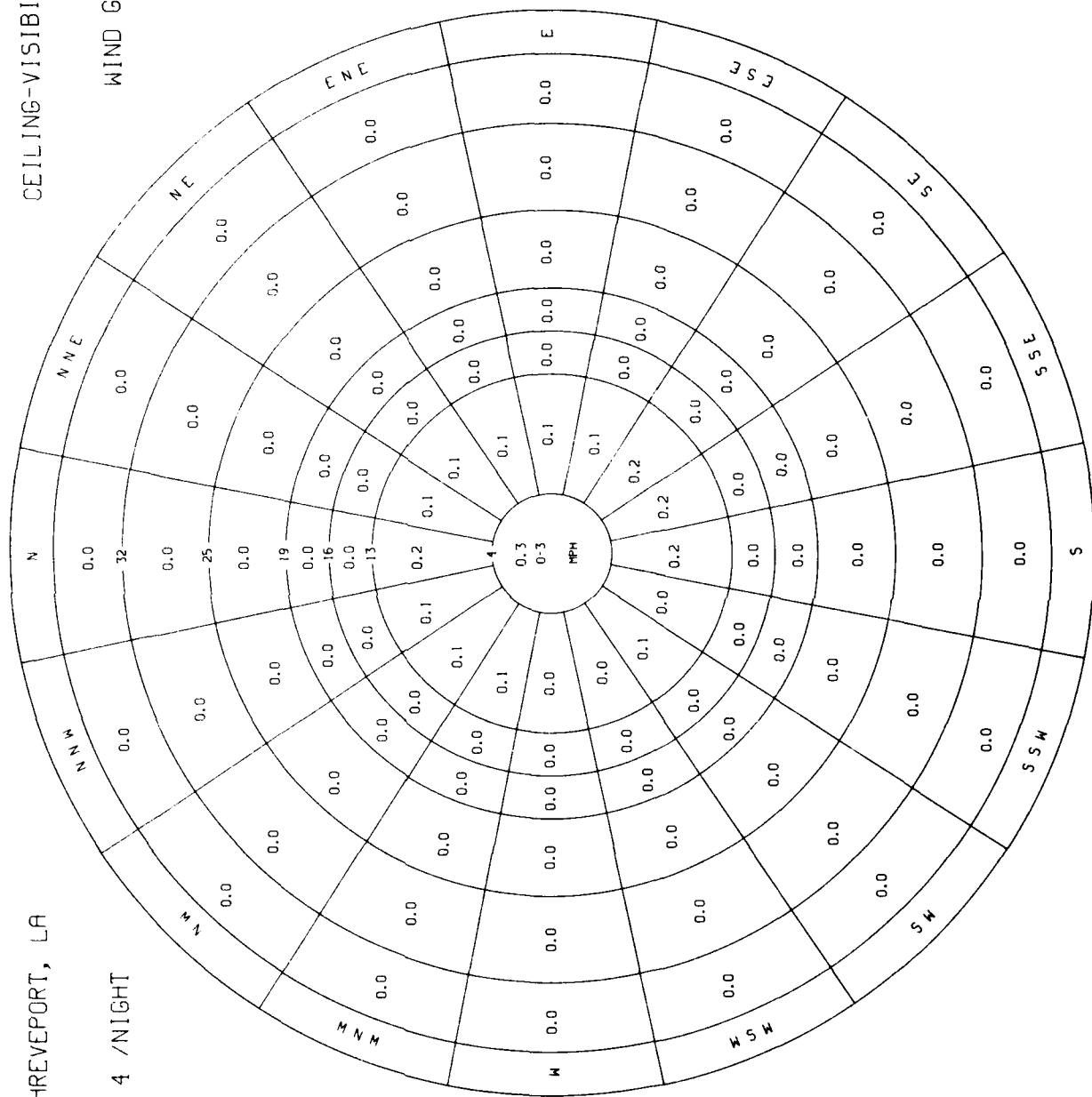
NO. OBS.: 654

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.5	.1	7.5	.0	1.1	.0	.6	.0	.0	.0	.2	.0	.0	.2	9.8	9.5
NNE	.0	.0	.1	5.2	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.1	6.1	9.6
NE	.0	.3	.1	3.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.6	8.6
ENE	.0	.6	.0	2.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	3.5	7.3
E	.0	.0	.1	4.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.9	7.5
ESE	.0	.6	.1	6.7	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	8.7	8.4
SE	.0	.9	.2	12.7	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.2	15.1	8.2
SSE	.0	.3	.1	9.2	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.2	11.3	9.0
S	.0	.3	.1	8.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.1	8.6	7.9
SSW	.0	.3	.1	3.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.1	7.4
SW	.0	.0	.0	1.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.7	7.2
WSW	.0	.2	.0	1.7	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	2.1	8.3
W	.0	.0	.0	.8	.0	.5	.0	.0	.0	.0	.2	.0	.0	.0	.0	1.4	11.6
WNW	.0	.3	.0	2.1	.0	.2	.0	.6	.0	.5	.0	.2	.0	.0	.1	3.8	11.9
NW	.0	.0	.1	3.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	9.3
NNW	.0	.2	.1	6.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.2	8.9
CALM	.1	3.2													.1	3.2	
TOTAL	.1	7.6	1.3	79.5	.1	8.3	.0	3.1	.0	1.2	.0	.3	.0	.0	1.6	100	8.4

SHV SHREVEPORT, LA

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SHV SHREVEPORT, LA

PERIOD: 1953-1978

CLASS 4 / NIGHT

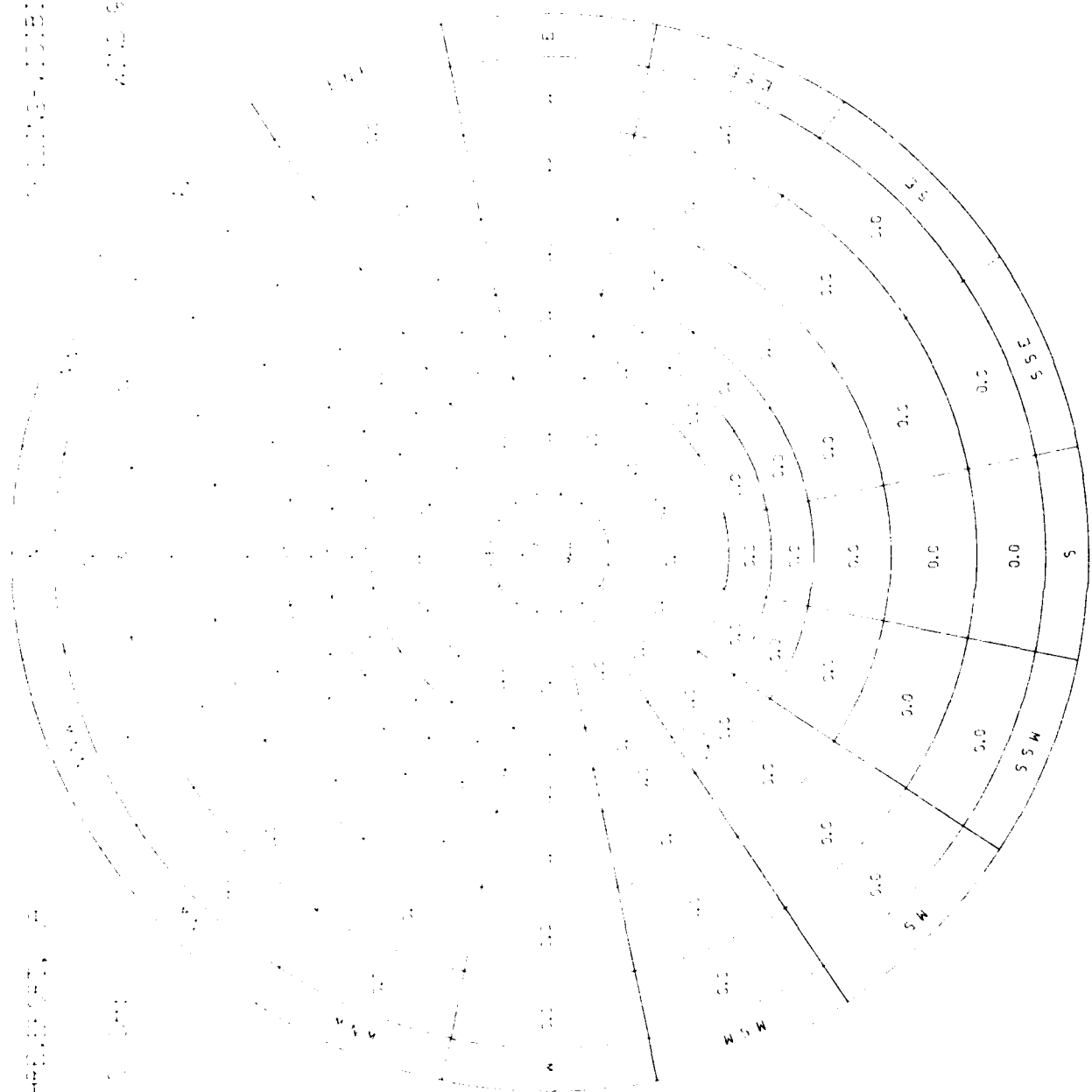
STATION NUMBER: 13957

NO. OBS.: 734

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.8	.2	8.7	.0	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.2 11.0
NNE	.0	.3	.1	6.5	.0	.4	.0	.5	.0	.0	.0	.0	.0	.0	.2 7.8
NE	.0	.1	.1	4.0	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.9
ENE	.0	.5	.1	3.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1 4.4
E	.0	.3	.1	4.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
ESE	.0	.1	.1	6.3	.0	1.1	.0	.0	.0	.1	.0	.0	.0	.0	.2 7.6
SE	.0	1.1	.2	7.6	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.2 9.1
SSE	.0	.7	.2	7.9	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.2 9.3
S	.0	.1	.2	7.4	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.2 8.0
SSW	.0	.3	.0	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.7
SW	.0	.7	.1	2.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
WSW	.0	.3	.0	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
W	.0	.1	.0	1.4	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0 1.8
WNW	.0	.1	.1	2.6	.0	.3	.0	.4	.0	.1	.0	.0	.0	.0	.1 3.5
NW	.0	.3	.1	4.2	.0	.8	.0	.0	.0	.3	.0	.0	.0	.1	.1 5.7
NNW	.0	.4	.1	6.0	.0	1.0	.0	.4	.0	.0	.0	.0	.0	.0	.2 7.8
CALM	.1	5.7													.1 5.7
TOTAL	.3	12.0	1.6	77.1	.2	7.6	.0	2.3	.0	.8	.0	.0	.0	.1	2.1 100
															7.9

WIND VELOCITY

WIND DIRECTION



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HANSEN REPORT, CA

PERIOD: 1953-1978

CLASSE / DAY

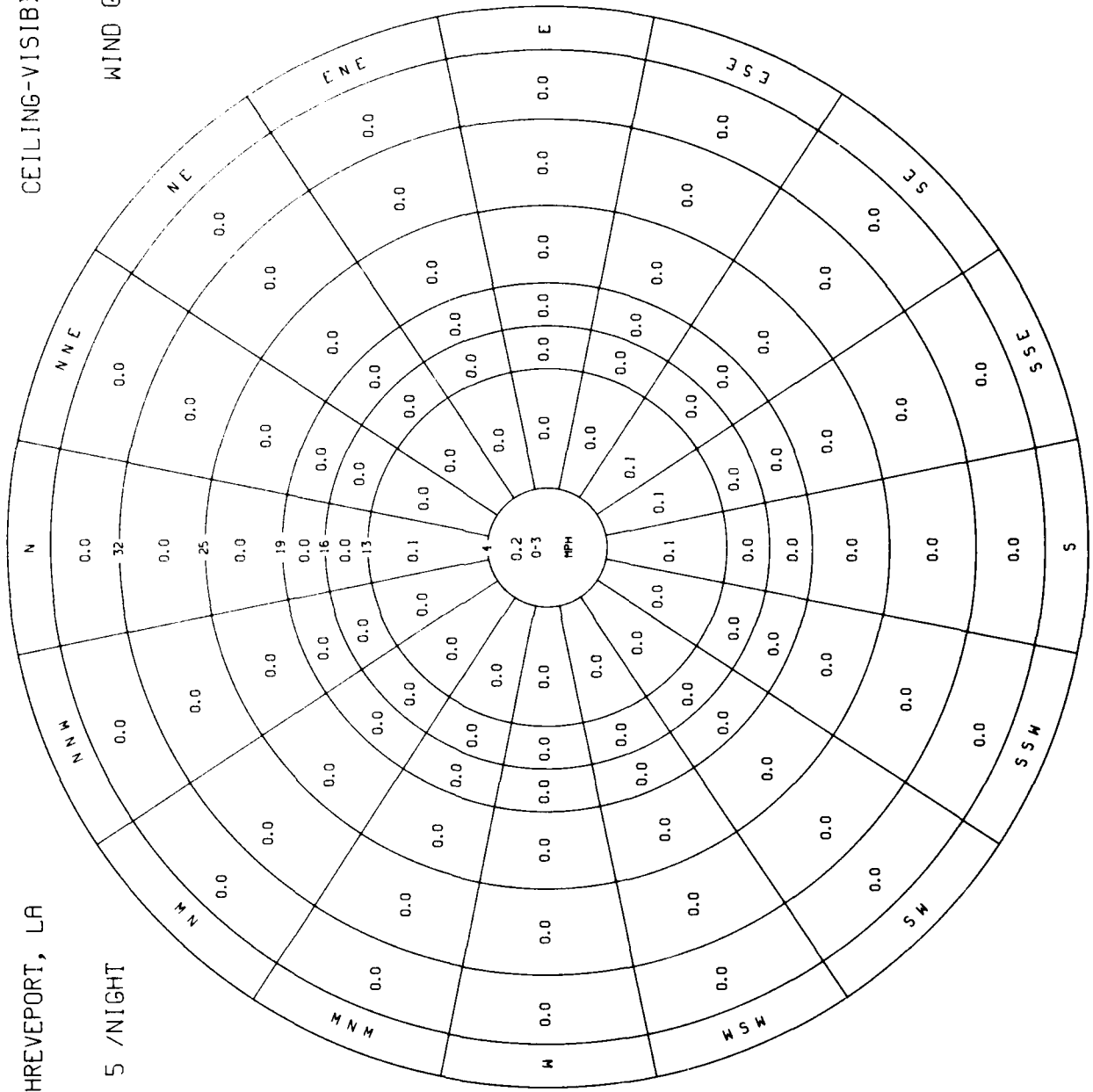
STATION NUMBER: 13957

NO. OBS.: 159

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
N	.0	.6	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7
NNE	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
NE	.0	1.3	.0	4.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
ENE	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
E	.0	.0	.0	1.9	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	2.5
ESE	.0	.6	.0	10.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7
SE	.0	1.9	.1	15.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	17.6
SSE	.0	.0	.0	10.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7
S	.0	.0	.0	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4
SSW	.0	1.3	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
SW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
WSW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	3.1
W	.0	.0	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
WNW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
NW	.0	.0	.0	2.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
NNW	.0	.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
CALM	.0	10.7													.0	10.7
TOTAL	.1	17.6	.3	78.6	.0	1.9	.0	.6	.0	.0	.0	.0	.0	1.3	.4	100
																6.8

SHV SHREVEPORT, LA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SHV SHREVEPORT, LA

PERIOD: 1953-1978

CLASS 5 / NIGHT

STATION NUMBER: 13957

NO. OBS.: 317

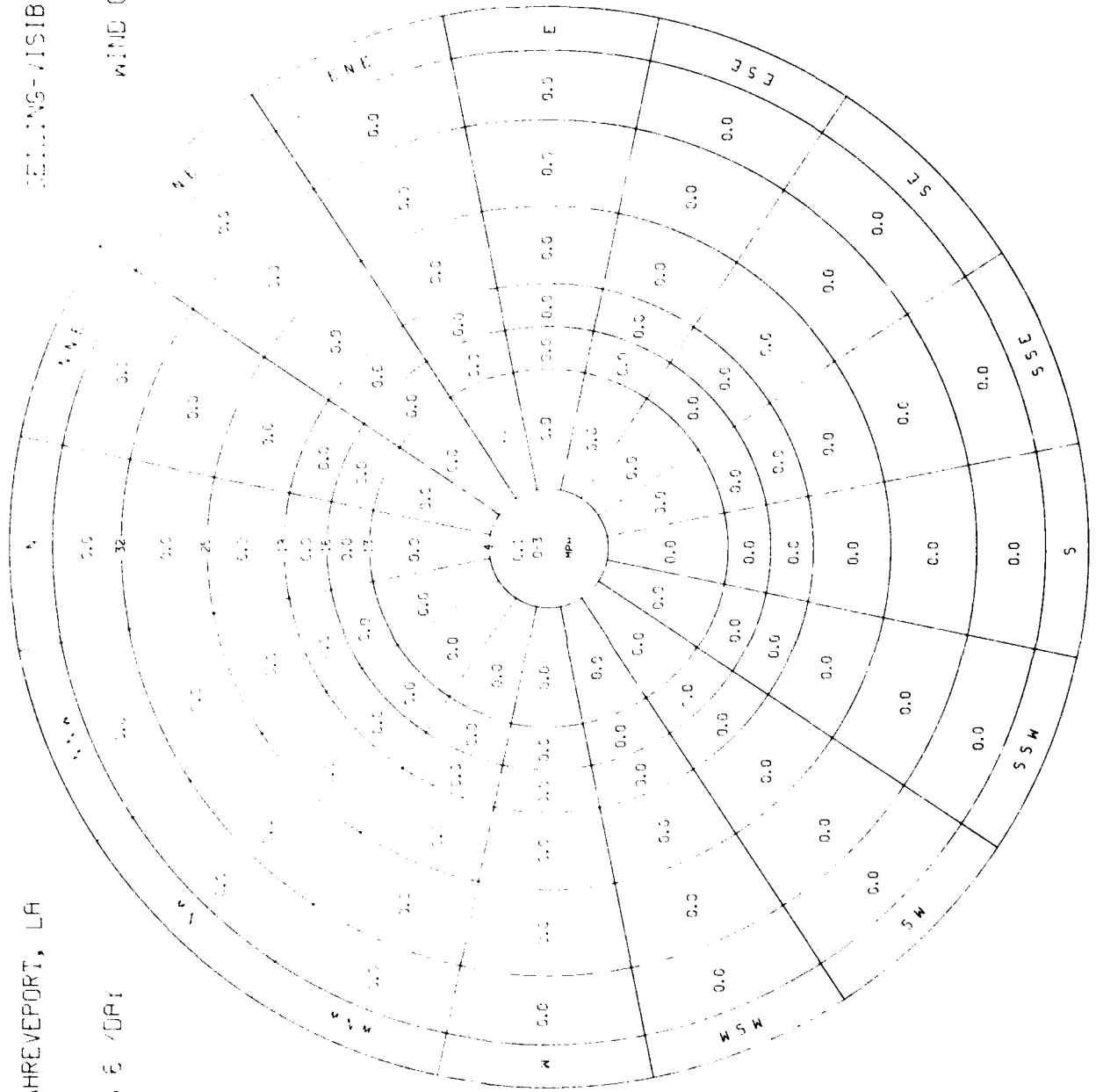
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.1	8.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.8
NNE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.4
NNE	.0	.6	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
ENE	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
E	.0	.6	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.7
ESE	.0	1.9	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.3
SE	.0	1.6	.1	11.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 13.2
SSE	.0	.9	.1	7.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1 8.8
S	.0	.3	.1	10.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 11.0
SSW	.0	.6	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
SH	.0	.3	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
WSH	.0	.0	.0	3.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
W	.0	.3	.0	1.9	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 2.5
WNW	.0	.0	.0	1.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
NW	.0	.0	.0	2.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
NNW	.0	.9	.0	5.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.6
CALM	.1	12.9													.1 12.9
TOTAL	.2	21.8	.7	74.1	.0	3.5	.0	.6	.0	.0	.0	.0	.0	.0	.9 100

SHV SHREVEPORT, LA

CLASS E / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 6 / DAY

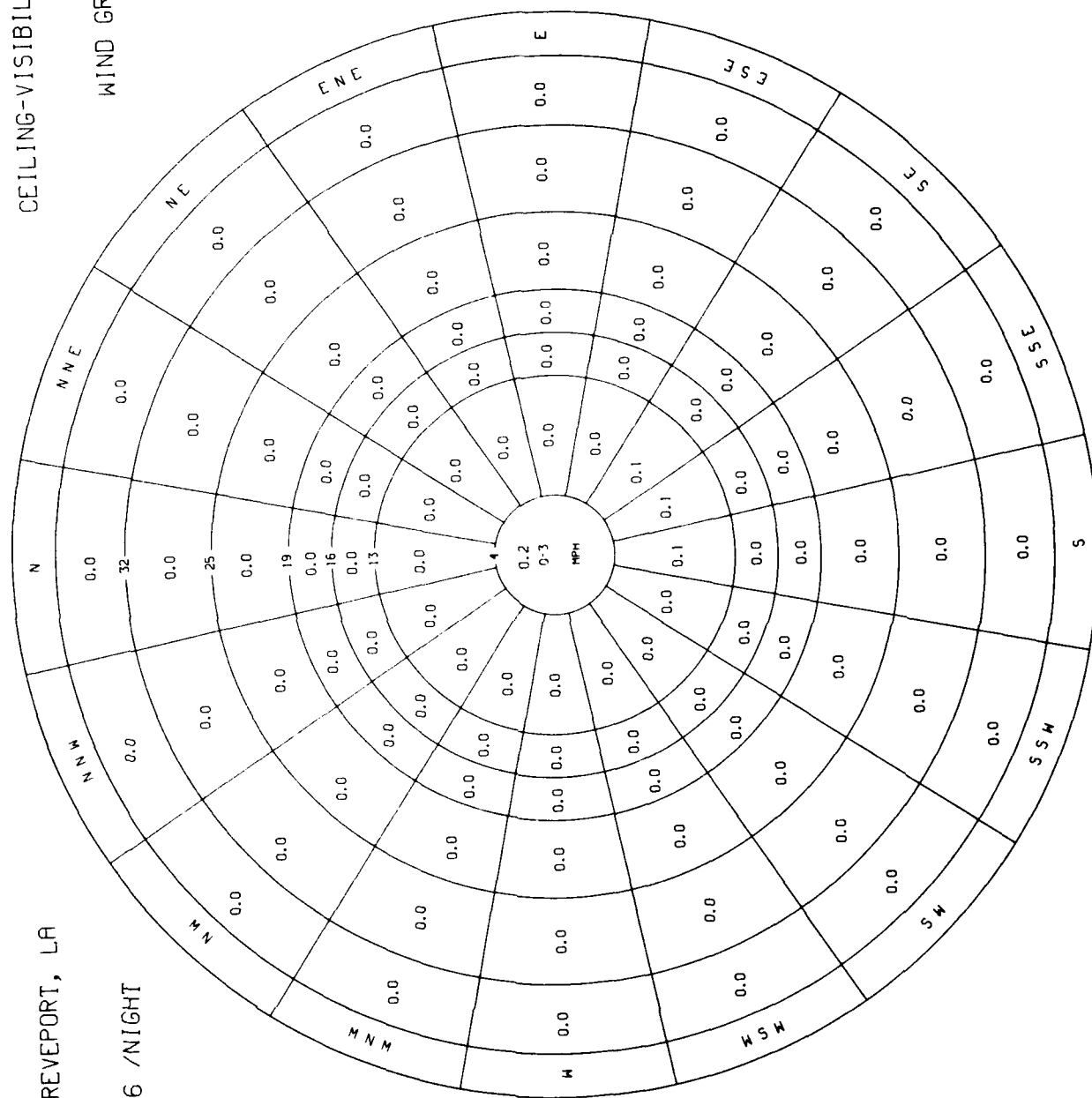
NO. OBS.: 119

STATION NUMBER: 13957

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.8	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6
NNE	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
NNE	.0	1.7	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.5
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
ESE	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
SE	.0	2.5	.0	10.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4
SSE	.0	1.7	.0	16.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.5
S	.0	1.7	.0	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4
SSW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
SW	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
WSW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
W	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
WNW	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.7
NW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
NNW	.0	.8	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
CALM	.1	18.5													18.5
TOTAL	.1	31.1	.2	67.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	3.100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 6 / NIGHT

NO. OBS.: 235

STATION NUMBER: 13957

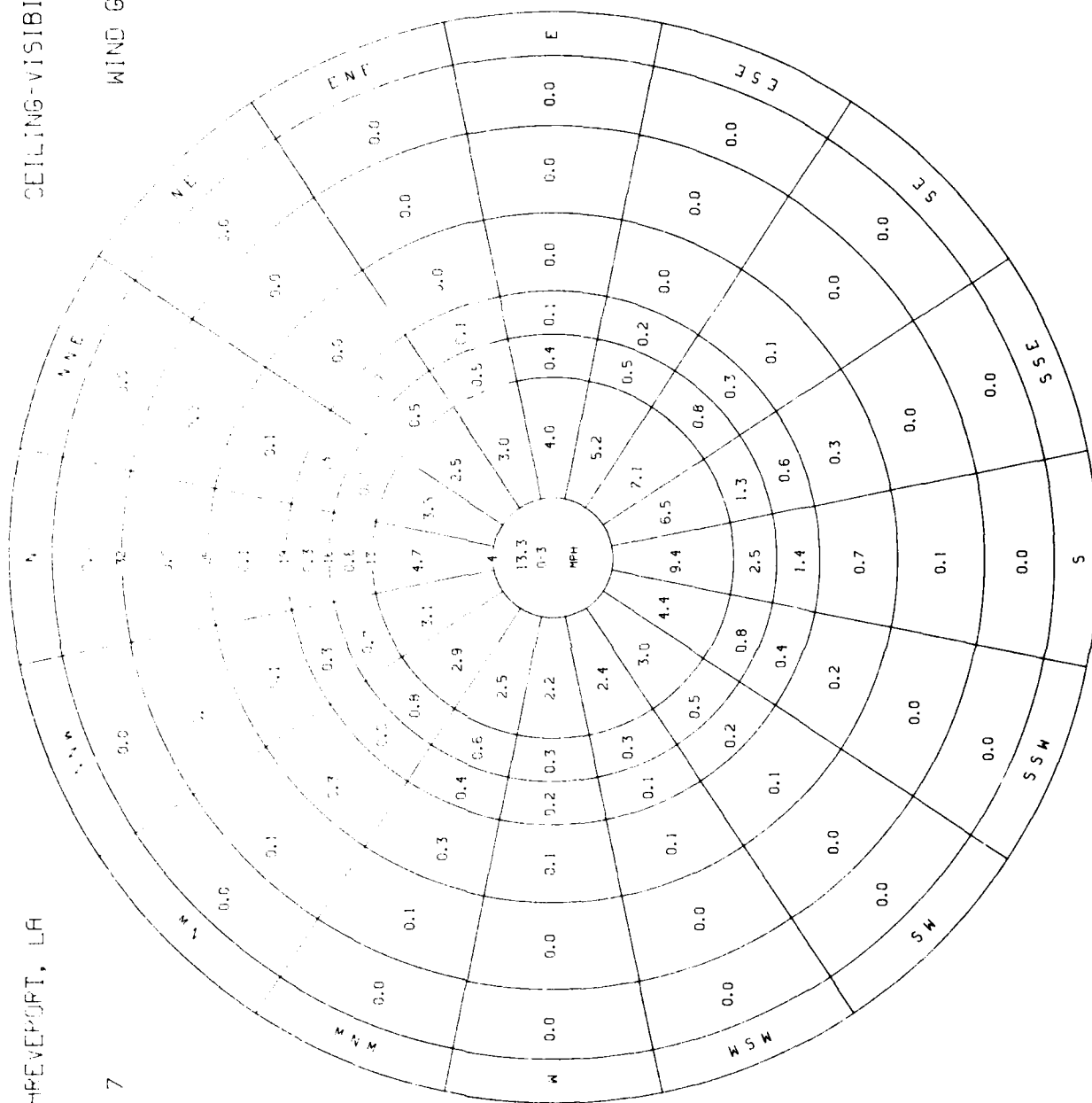
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.3	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.1
NNE	.0	.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.5
NE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.4
ENE	.0	.0	.0	2.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.8
E	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.1
ESE	.0	1.3	.0	6.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	8.1	7.3
SE	.0	1.7	.1	11.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.6	6.3
SSE	.0	1.7	.1	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.2	6.8
S	.0	2.1	.1	10.6	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.1	6.4
SSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0
SW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.6
WSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	2.6	13.3
W	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0
WNW	.0	.9	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0
NW	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	5.5
NNW	.0	1.3	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.5	5.6
CALM	.1	14.5															
TOTAL	.2	26.4	.5	71.5	.0	.9	.0	.9	.0	.0	.0	.0	.0	.4	.7	100	

SHV SHAREPORT, LA

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

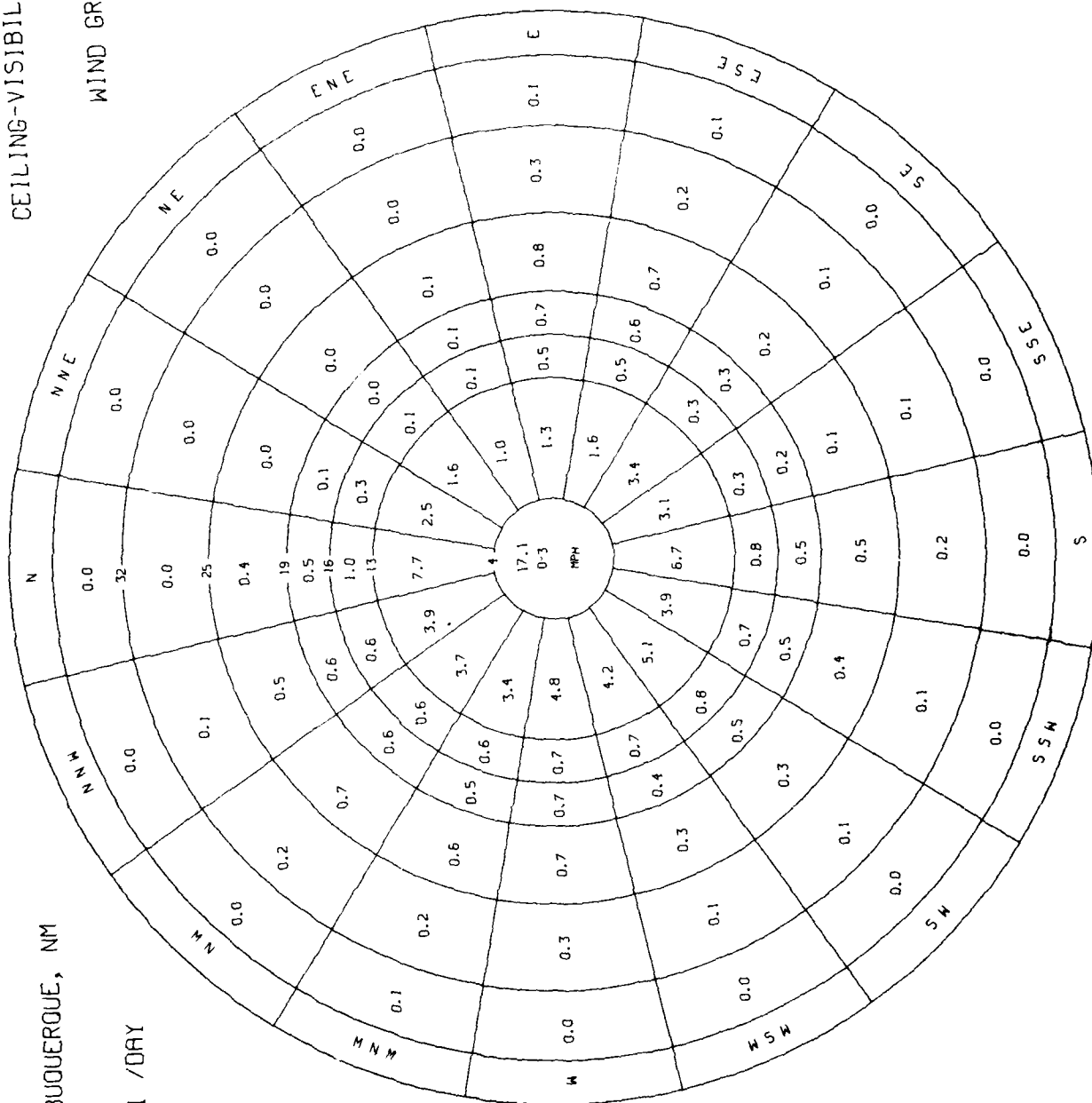


CEILING-VISIBILITY

WIND GRAPH

ABO ALBUQUERQUE, NM

CLASS 1 /DAY



PRECEDING PAGE BLANK NOT BE

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABO ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 23050

NO. OBS.: 46899

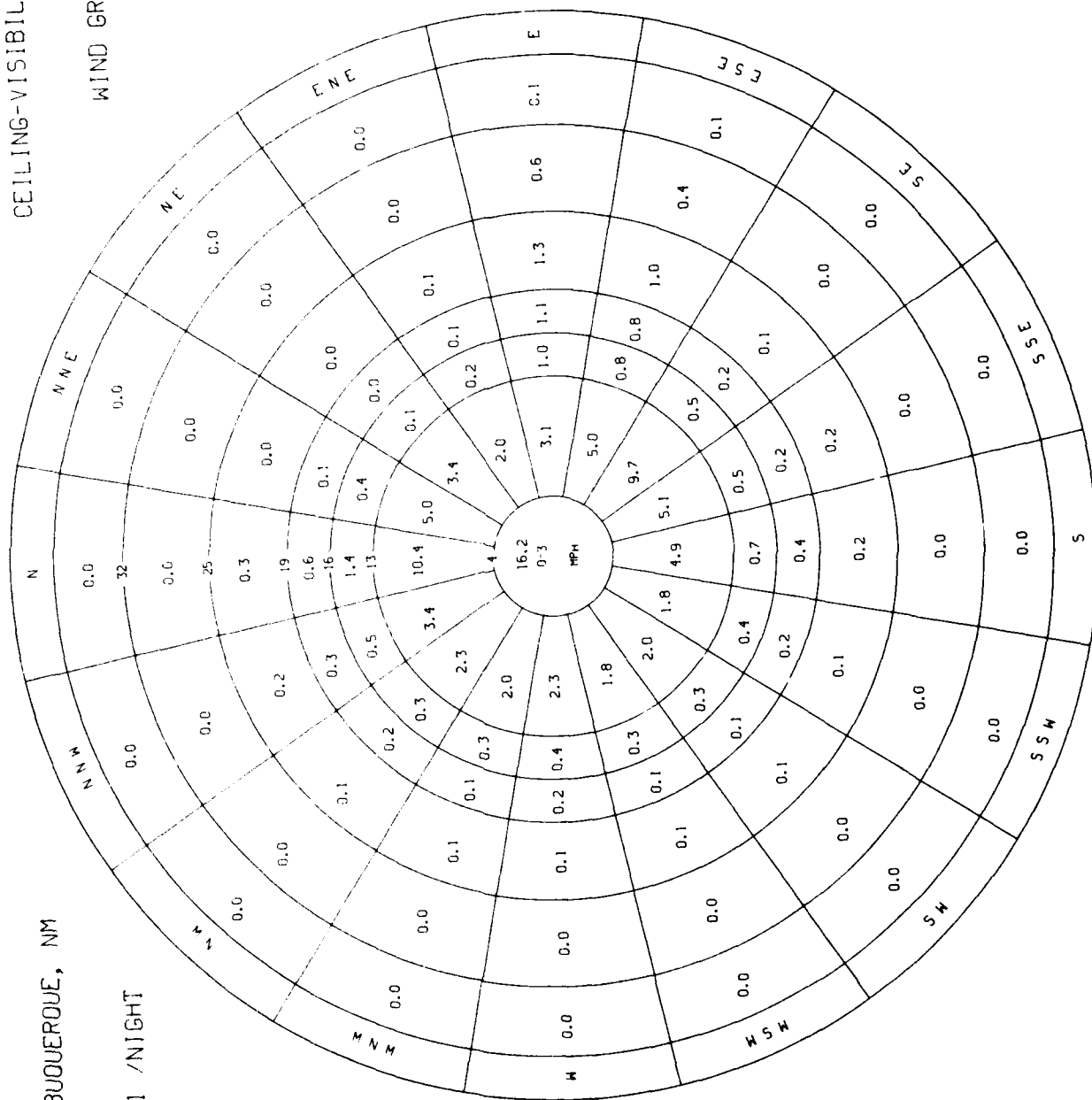
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.4	1.4	7.7	7.8	1.0	1.0	.5	.5	.4	.4	.0	.0	.0	.0	11.0	11.2	8.7
NNE	.7	.7	2.5	2.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.5	3.6	7.5
NE	.6	.6	1.6	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.4	6.4
ENE	.4	.4	1.0	1.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.6	1.6	7.8
E	.4	.4	1.3	1.4	.5	.5	.7	.7	.8	.8	.3	.3	.1	.1	4.1	4.1	13.8
ESE	.5	.5	1.6	1.6	.5	.5	.6	.6	.7	.7	.2	.2	.1	.1	4.1	4.1	12.7
SE	1.1	1.1	3.4	3.4	.3	.3	.3	.3	.2	.2	.1	.1	.0	.0	5.3	5.3	7.9
SSE	.7	.7	3.1	3.2	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	4.5	4.6	8.4
S	1.5	1.6	6.7	6.7	.8	.8	.5	.6	.5	.5	.2	.2	.0	.0	10.2	10.4	9.0
SSW	.7	.7	3.9	4.0	.7	.7	.5	.5	.4	.4	.1	.1	.0	.0	6.3	6.4	10.0
SW	1.1	1.1	5.1	5.1	.8	.8	.5	.5	.3	.3	.1	.1	.0	.0	7.9	8.0	9.2
WSW	.9	.9	4.2	4.3	.7	.7	.4	.4	.3	.3	.1	.1	.0	.0	6.5	6.6	9.2
W	1.4	1.4	4.8	4.8	.7	.7	.7	.7	.7	.7	.3	.3	.0	.0	8.5	8.7	9.9
WNW	.9	.9	3.4	3.4	.6	.6	.5	.5	.6	.6	.2	.2	.1	.1	6.2	6.3	10.5
NW	1.2	1.2	3.7	3.7	.6	.6	.6	.6	.7	.7	.2	.2	.0	.0	7.0	7.1	10.1
NNW	.8	.8	3.9	4.0	.6	.7	.6	.6	.5	.5	.1	.1	.0	.0	6.6	6.7	9.8
CALM	2.9	3.0													2.9	3.0	
TOTAL	17.1	17.3	57.9	58.6	8.6	8.7	6.6	6.7	6.1	6.2	2.0	2.0	.4	.4	98.7	100	9.2

CEILING-VISIBILITY

WIND GRAPH

ABO ALBUQUERQUE, NM

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABQ ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 1 / NIGHT

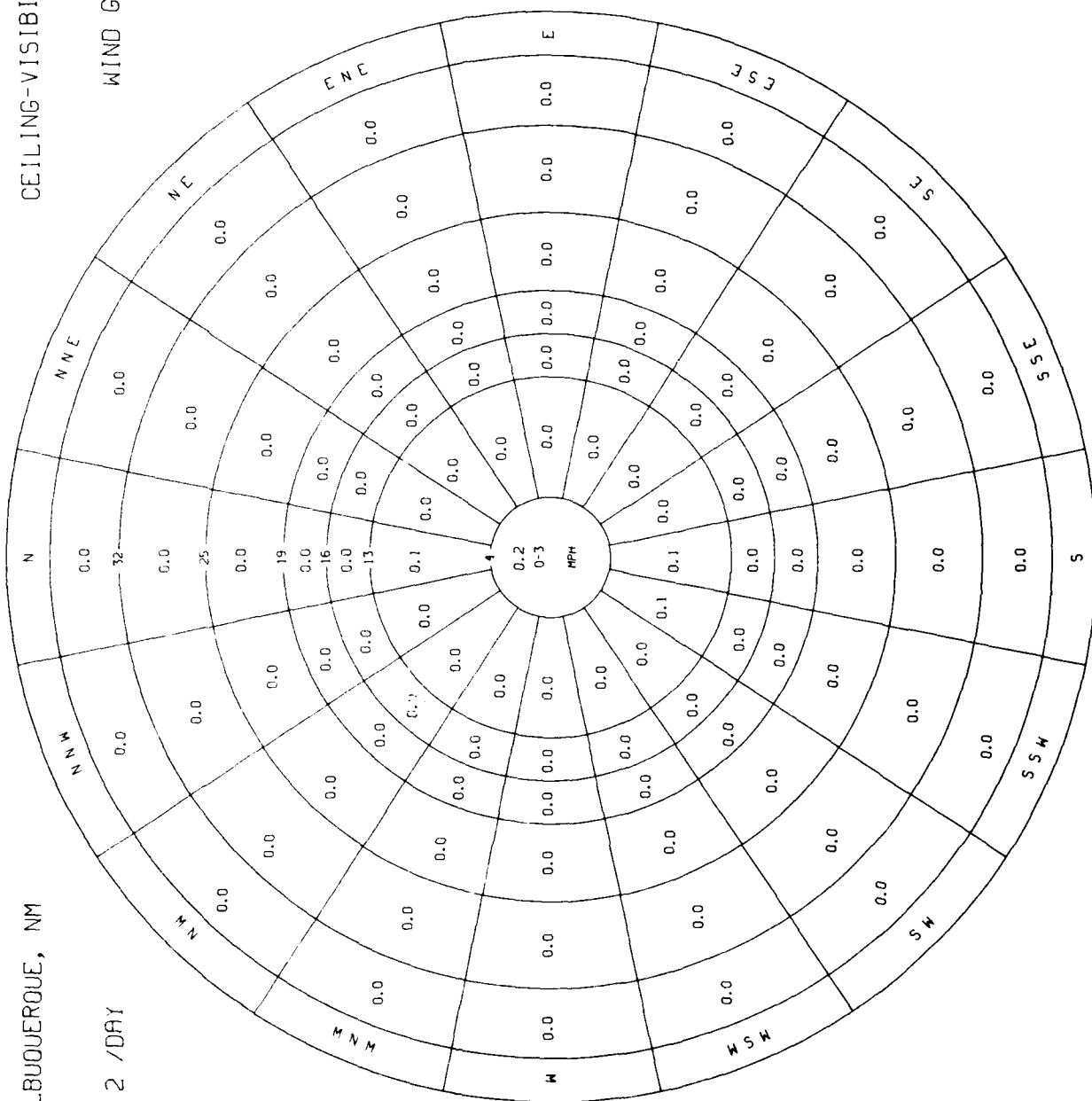
STATION NUMBER: 23050

NO. OBS.: 39677

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		15-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.4	1.4	10.4	10.6	1.4	1.4	.6	.6	.3	.3	.0	.0	.0	.0	14.1 14.3
NNE	.8	.8	5.0	5.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	6.3 6.4
NNE	.9	.9	3.4	3.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5 4.5
ENE	.5	.5	2.0	2.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.0 3.0
E	.9	.9	3.1	3.1	1.0	1.0	1.1	1.1	1.3	1.3	.6	.6	.1	.1	8.0 8.1
ESE	1.0	1.0	5.0	5.1	.8	.8	.8	.9	1.0	1.1	.4	.4	.1	.1	9.1 9.2
SE	1.7	1.7	9.7	9.8	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	12.3 12.4
SSE	.8	.8	5.1	5.1	.5	.5	.2	.2	.2	.2	.0	.0	.0	.0	6.8 6.8
S	.9	.9	4.9	4.9	.7	.7	.4	.4	.2	.2	.0	.0	.0	.0	7.1 7.2
SSW	.4	.4	1.8	1.8	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.8 2.9
SW	.4	.5	2.0	2.0	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.0 3.0
WSW	.4	.5	1.8	1.8	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.8 2.8
W	.7	.7	2.3	2.4	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.7 3.7
WNW	.5	.5	2.0	2.0	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.2 3.2
NW	.8	.8	2.3	2.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.7 3.7
NNW	.7	.7	3.4	3.5	.5	.5	.3	.3	.2	.2	.0	.0	.0	.0	5.1 5.2
CALM	3.4	3.4													3.4 3.4
TOTAL	16.2	16.4	64.2	64.9	8.0	8.1	5.0	5.0	4.0	4.0	1.3	1.3	.3	.3	98.9 100
															8.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABO ALBUQUERQUE, NM

CLASS 2 / DAY

NO. OBS.: 604

STATION NUMBER: 23050

D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	.0	.7	.1	8.4	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.1	10.1	8.3				
NNE	.0	1.3	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	3.3	7.4				
NE	.0	.2	.0	1.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.6				
ENE	.0	.2	.0	2.2	.0	.2	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	2.8	9.7				
E	.0	.7	.0	1.8	.0	.5	.0	.7	.0	2.0	.0	1.3	.0	.8	.1	7.8	18.2					
ESE	.0	.3	.0	.7	.0	.8	.0	.7	.0	.5	.0	1.2	.0	.5	.1	4.6	19.8					
SE	.0	.5	.0	3.5	.0	.3	.0	.3	.0	.2	.0	.0	.0	.3	.1	5.1	10.3					
SSE	.0	.7	.0	2.0	.0	.3	.0	.0	.0	.3	.0	.2	.0	.0	.0	3.5	8.9					
S	.0	1.5	.1	7.5	.0	.7	.0	.7	.0	.2	.0	.3	.0	.8	.1	11.6	10.3					
SSW	.0	.3	.1	4.1	.0	.7	.0	.3	.0	.7	.0	.7	.0	.5	.1	7.3	13.5					
SW	.0	1.2	.0	3.6	.0	.2	.0	.2	.0	.3	.0	1.2	.0	1.2	.1	8.4	15.4					
WSW	.0	1.0	.0	1.5	.0	.5	.0	.2	.0	.5	.0	1.3	.0	1.0	.1	6.0	17.8					
W	.0	.7	.0	3.1	.0	.3	.0	.0	.0	1.0	.0	1.2	.0	1.7	.1	7.9	19.1					
WNW	.0	.8	.0	1.5	.0	.0	.0	.0	.0	.5	.0	1.8	.0	.7	.1	5.3	18.8					
NW	.0	.5	.0	2.8	.0	.5	.0	.3	.0	.5	.0	1.0	.0	.8	.1	6.5	16.0					
NNW	.0	.5	.0	2.6	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	3.8	9.3					
CALM	.1	4.1							.1	6.8												
TOTAL	.2	15.1	.6	48.7	.1	6.0	.1	4.5	.1	6.8	.1	10.6	.1	8.4	1.3	100	13.1					

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABO ALBUQUERQUE, NM

CLASS 2 / NIGHT

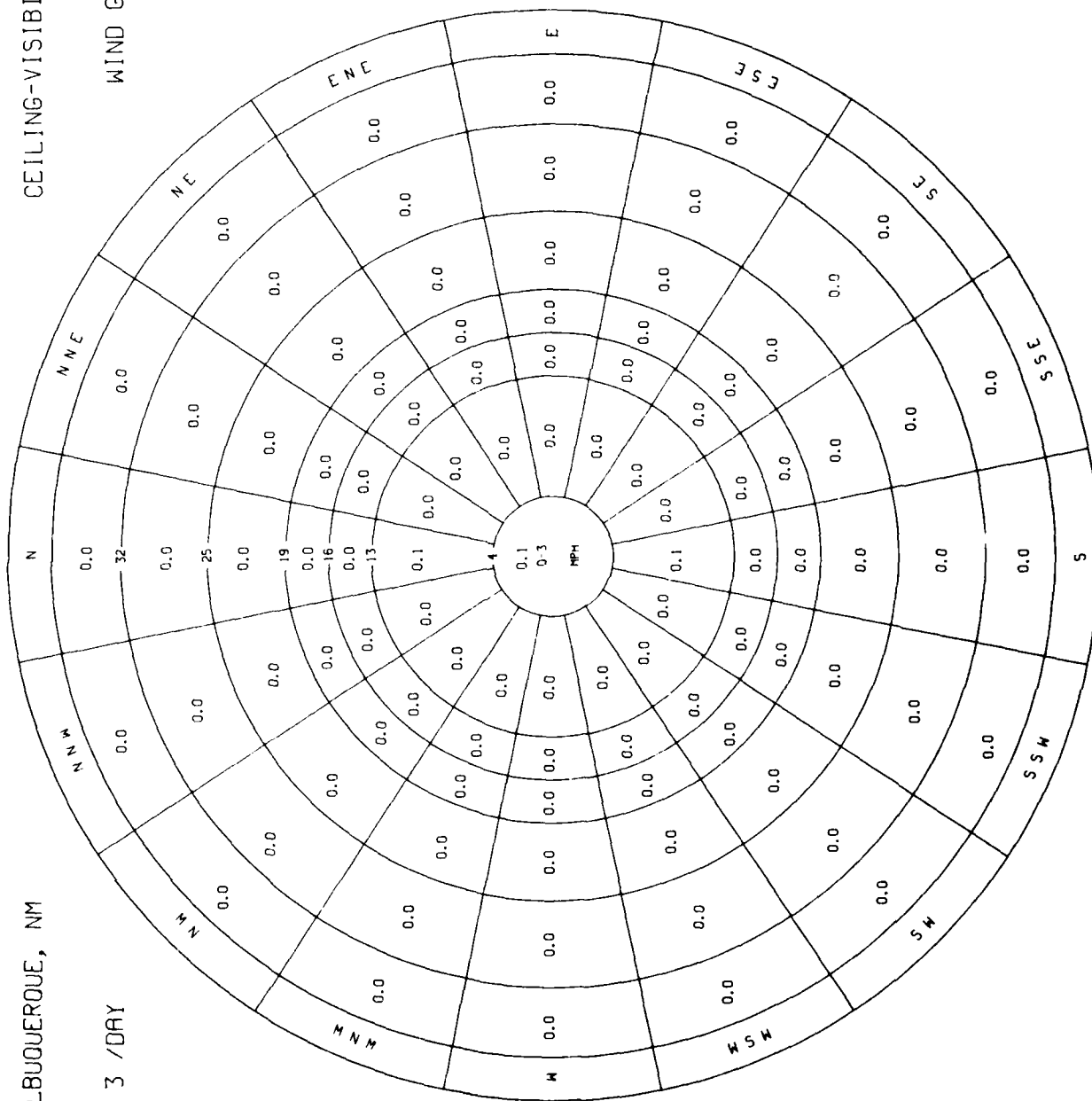
NO. OBS.: 453

STATION NUMBER: 23050

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.0	.1	7.5	.0	.7	.0	.7	.0	.2	.0	.0	.0	.0	.0	.1	11.0	7.6
NNE	.0	.9	.0	1.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.6
NE	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.8
ENE	.0	.2	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.9
E	.0	.4	.0	2.4	.0	.0	.0	1.8	.0	1.8	.0	1.5	.0	2.2	.1	10.2	21.2	
ESE	.0	.4	.0	2.4	.0	.9	.0	.9	.0	1.3	.0	2.0	.0	.4	.1	8.4	16.9	
SE	.0	.4	.1	5.5	.0	.2	.0	.4	.0	.2	.0	.2	.0	.0	.1	7.1	8.7	
SSE	.0	1.5	.0	4.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	6.4	
S	.0	1.5	.1	7.9	.0	.4	.0	.2	.0	.2	.0	.4	.0	.0	.1	10.8	8.1	
SSW	.0	.4	.1	5.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	7.8	
SW	.0	1.1	.0	2.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.8	
WSW	.0	.9	.0	2.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	3.8	8.8	
W	.0	1.5	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	4.4	6.8	
WNW	.0	.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	2.6	11.4	
NW	.0	.4	.0	3.8	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.1	4.6	8.0	
NNW	.0	1.5	.0	3.3	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.1	6.0	8.1	
CALM	.1	7.5													.1	7.5		
TOTAL	.2	21.9	.6	56.5	.1	4.9	.1	5.1	.0	3.8	.1	4.6	.0	3.3	.1	100		9.3

CEILING-VISIBILITY
WIND GRAPH

ABO ALBUQUERQUE, NM
CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABQ ALBUQUERQUE, NM

CLASS 3 / DAY

NO. OBS.: 417

STATION NUMBER: 23050

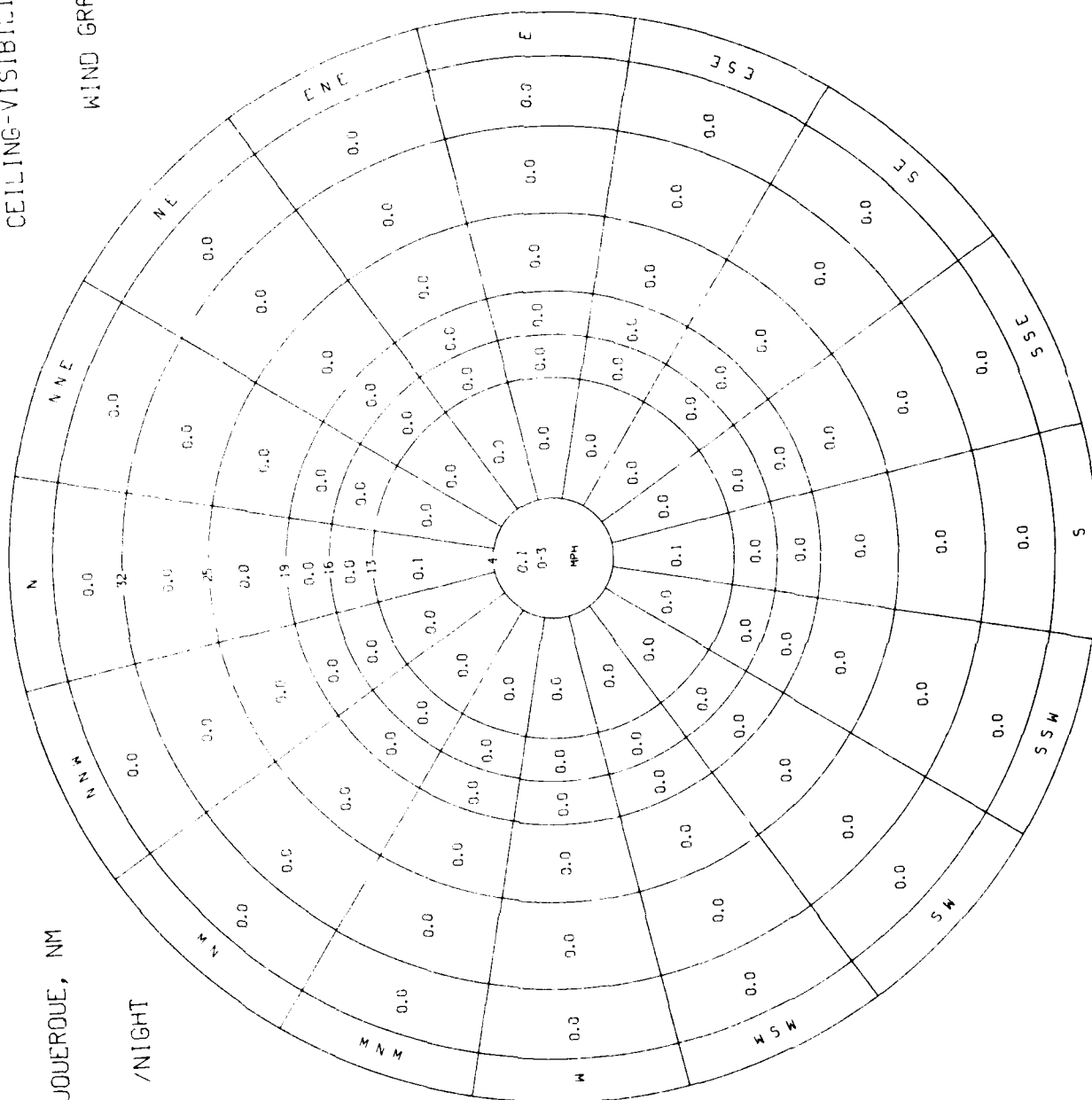
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.5	.1	8.4	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.1	9.8	8.6
NNE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.5
NE	.0	.2	.0	1.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.2	8.8
ENE	.0	.0	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.4
E	.0	.7	.0	1.4	.0	.7	.0	.2	.0	2.2	.0	1.4	.0	.7	.1	7.4	18.8
ESE	.0	.2	.0	.5	.0	.5	.0	.5	.0	.7	.0	.7	.0	.7	.0	3.8	21.7
SE	.0	.5	.0	3.1	.0	.5	.0	.5	.0	.2	.0	.0	.0	.2	.0	5.0	10.7
SSE	.0	.7	.0	1.0	.0	.5	.0	.0	.0	.5	.0	.2	.0	.0	.0	2.9	11.1
S	.0	1.2	.1	8.6	.0	1.0	.0	1.0	.0	.2	.0	.5	.0	.7	.1	13.2	10.6
SSW	.0	.0	.0	4.3	.0	.7	.0	.5	.0	1.0	.0	.7	.0	.7	.1	7.9	14.8
SW	.0	.7	.0	4.1	.0	1.2	.0	.2	.0	.5	.0	1.4	.0	1.0	.1	9.1	15.6
WSW	.0	.7	.0	1.7	.0	.5	.0	.2	.0	.7	.0	1.2	.0	.5	.0	5.5	16.4
W	.0	.5	.0	2.6	.0	.5	.0	.0	.0	1.2	.0	1.7	.0	1.2	.1	7.7	19.3
WNW	.0	1.0	.0	1.2	.0	.0	.0	.0	.0	.7	.0	2.6	.0	.7	.1	6.2	20.7
NW	.0	.2	.0	3.4	.0	.5	.0	.5	.0	.5	.0	1.2	.0	.7	.1	7.0	15.7
NNW	.0	.5	.0	3.4	.0	.0	.0	.5	.0	.0	.0	.5	.0	.0	.0	4.8	9.7
CALM	.0	2.9													.0	2.9	
TOTAL	.1	11.5	.4	48.7	.1	7.2	.0	4.8	.1	8.4	.1	12.2	.1	7.2	.9	100	13.7

CEILING-VISIBILITY

WIND GRAPH

ABO ALBUQUERQUE, NM

CLASS 3 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABO ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 23050

NO. OBS.: 301

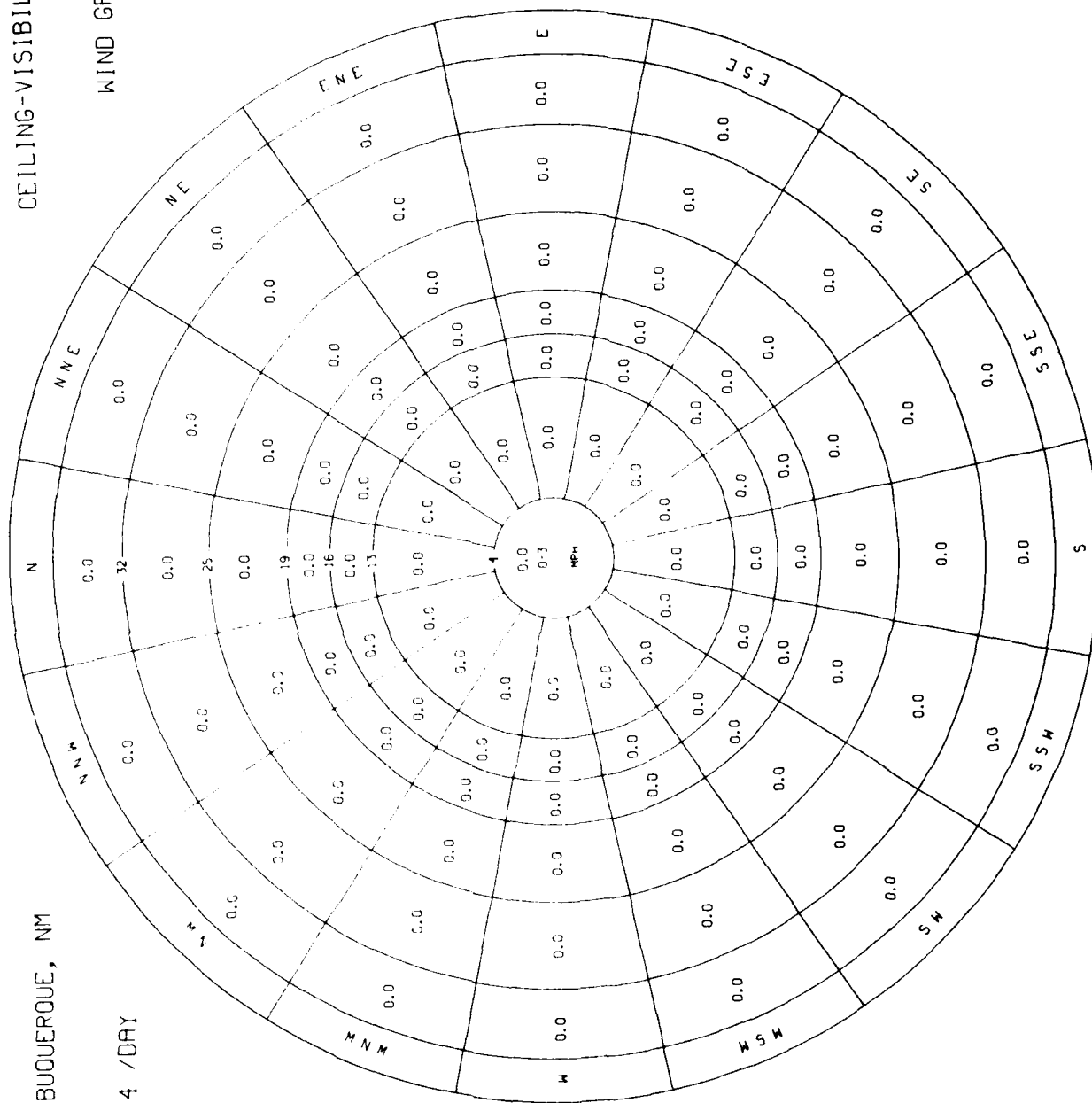
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	O	
N	.0	2.0	.1	7.6	.0	.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.3	7.7
NNE	.0	.7	.0	2.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	8.3
NE	.0	.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.7
ENE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.6
E	.0	.7	.0	3.3	.0	.0	.0	2.7	.0	2.3	.0	1.7	.0	2.3	.0	2.3	.1	13.0	19.9
ESE	.0	.3	.0	2.7	.0	1.3	.0	1.0	.0	1.7	.0	3.0	.0	.7	.0	.7	.1	10.6	18.2
SE	.0	.3	.0	6.3	.0	.3	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.1	7.6	8.4
SSE	.0	1.0	.0	3.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.6
S	.0	1.0	.1	8.0	.0	.7	.0	.3	.0	.3	.0	.7	.0	.0	.0	.0	.1	11.0	9.5
SSW	.0	.3	.0	4.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.7
SW	.0	.3	.0	2.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	8.2
WSW	.0	.7	.0	1.3	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.3	.0	.3	.0	3.3	11.6
W	.0	1.3	.0	2.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.0	4.0	8.0
WNW	.0	.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.0	.3	.0	2.7	13.5
NW	.0	.0	.0	3.0	.0	.3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	3.7	9.4
NNW	.0	1.3	.0	3.7	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	8.7
CALM	.0	5.3															.0	5.3	
TOTAL	.1	16.3	.4	55.8	.0	6.3	.1	7.0	.0	4.3	.0	6.3	.0	4.0	.0	4.0	.8	100	10.6

CEILING-VISIBILITY

WIND GRAPH

ABO ALBUQUERQUE, NM

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABO ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 4 / DAY

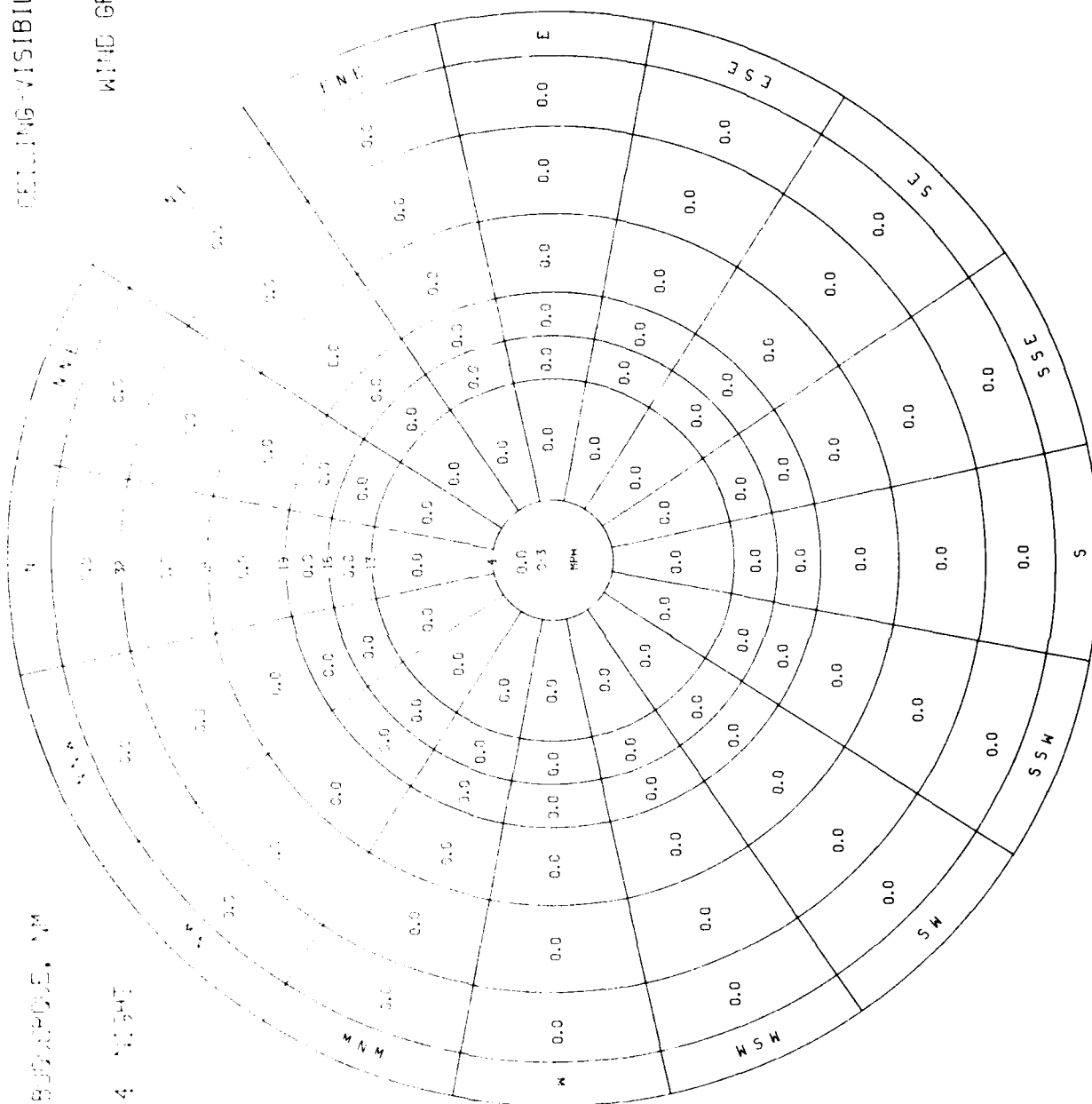
STATION NUMBER: 23050

NO. OBS.: 106

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	10.4	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	11.3
NNE	.0	1.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5
NE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
ENE	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	4.7
E	.0	.0	.0	2.8	.0	.0	.0	2.8	.0	.9	.0	.0	.0	.9	7.5
ESE	.0	.0	.0	.0	.0	2.8	.0	.9	.0	.0	.0	.9	.0	.0	4.7
SE	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	11.6
SSE	.0	.9	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7
S	.0	2.8	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.5
SSW	.0	.9	.0	3.8	.0	.9	.0	.0	.0	.0	.0	.9	.0	.0	6.6
SW	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.9	.0	.9	14.6
WSW	.0	1.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	2.8	.0	1.9	7.5
W	.0	.9	.0	3.8	.0	.0	.0	.0	.0	.9	.0	.0	.0	3.8	9.4
WNW	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.7
NW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.9	.0	.0	.0	1.9	4.7
NNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
CALM	.0	5.7													5.7
TOTAL	.0	19.8	.1	49.1	.0	3.8	.0	4.7	.0	3.8	.0	5.7	.0	13.2	100
															12.7

CEILING-VISIBILITY

WIND GRAPH



ABO H. 839.000E. NM

CHOC 4 NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 480 ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 23050

NO. OBS.: 71

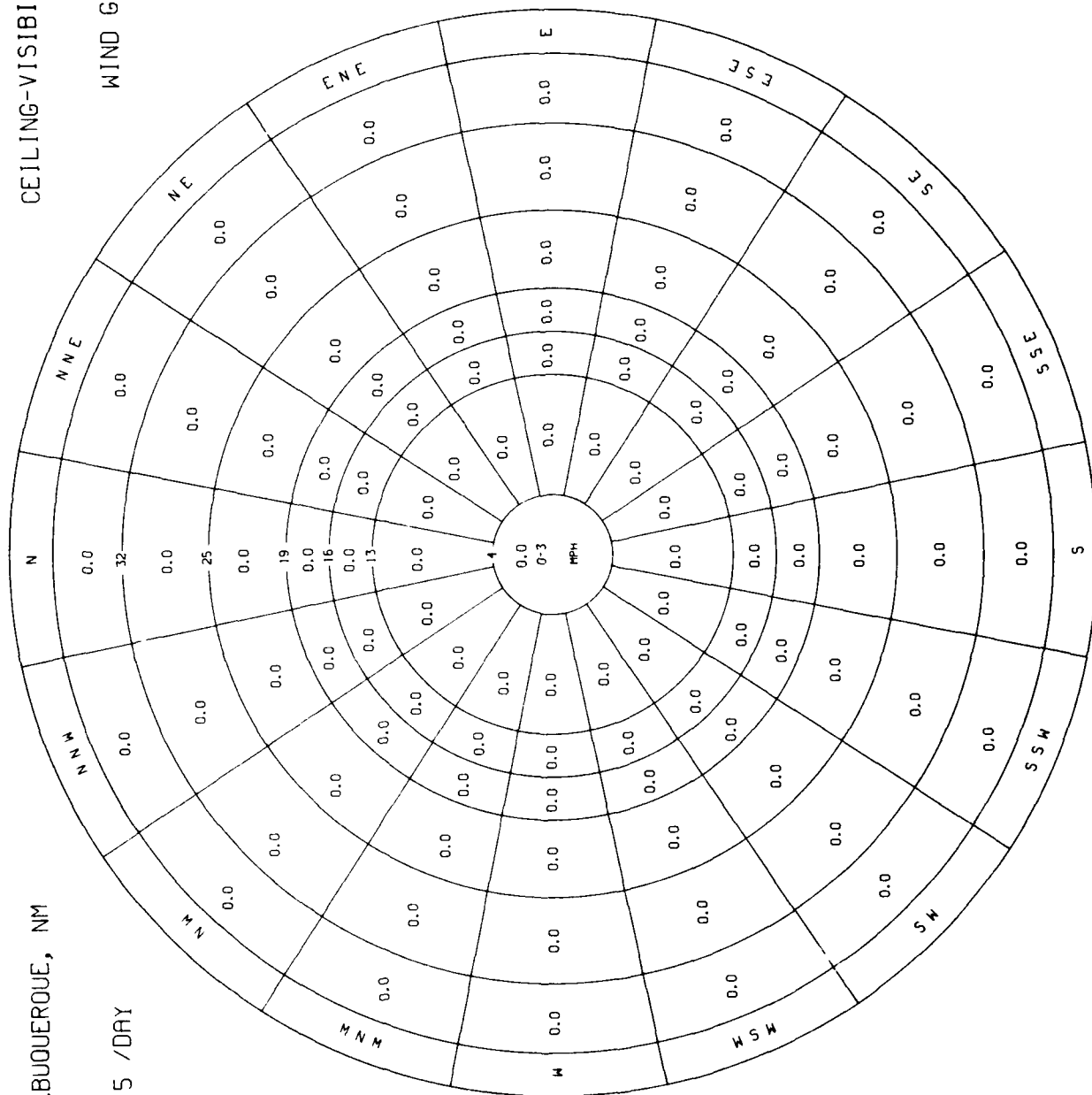
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.8	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.0
NNE	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.0
NE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	2.8	.0	4.2	.0	8.5	32.7
ESE	.0	1.4	.0	2.8	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	7.0	11.0
SE	.0	1.4	.0	4.2	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	8.5	9.8
SSE	.0	4.2	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	5.3
S	.0	.0	.0	9.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.9
SSW	.0	1.4	.0	11.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	7.2
SW	.0	2.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.0
WSW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.0
W	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.0
WNW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	9.0
NW	.0	.0	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	7.8
NNW	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	12.0
CALM	.0	9.9													.0	9.9	
TOTAL	.0	25.4	.1	59.2	.0	1.4	.0	2.8	.0	4.2	.0	2.8	.0	4.2	.0	2.100	8.8

CEILING-VISIBILITY

WIND GRAPH

ABC ALBUQUERQUE, NM

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABQ ALBUQUERQUE, NM

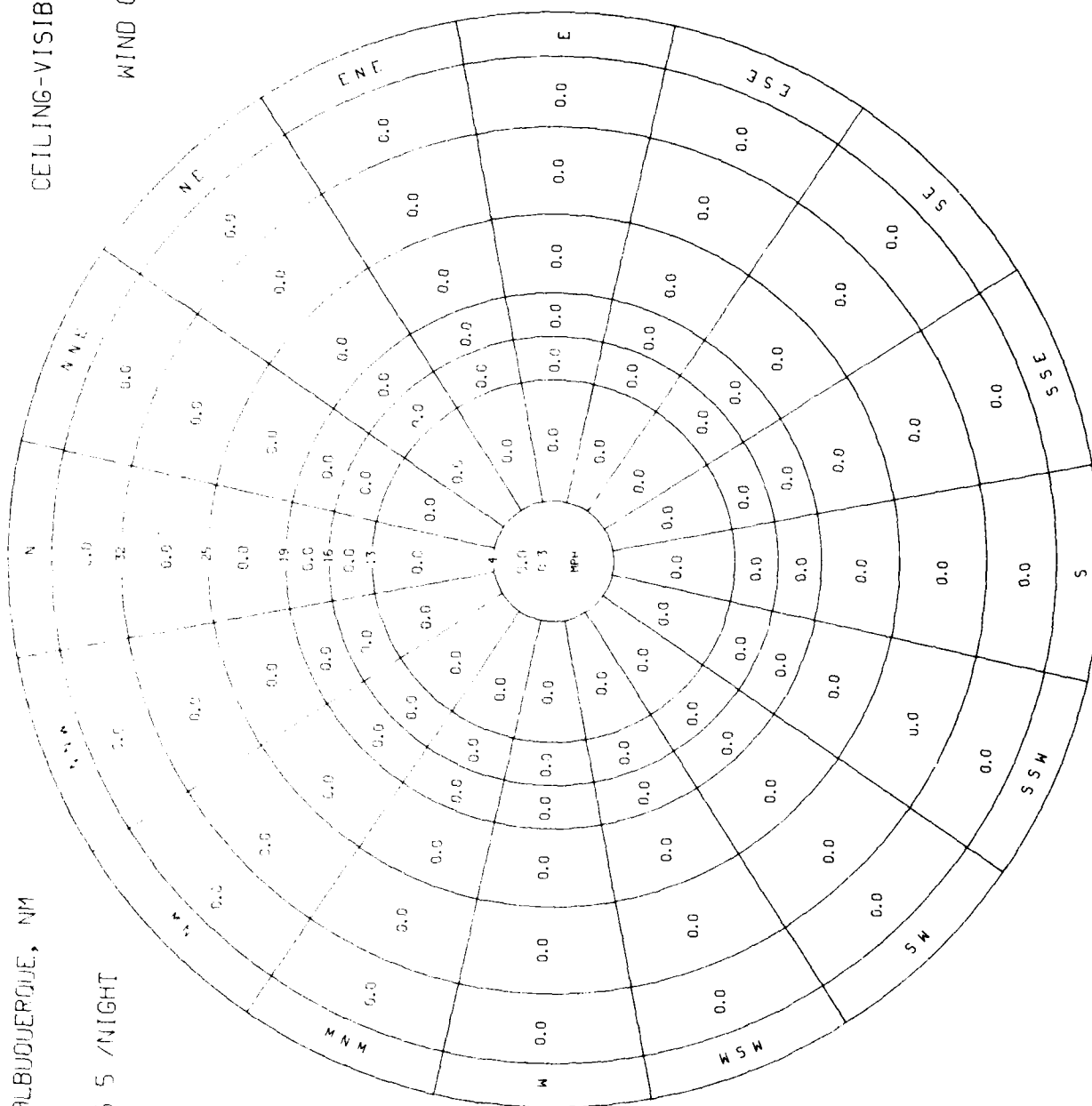
CLASS 5 / DAY

NO. OBS.: 34

STATION NUMBER: 23050

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.9	.0	8.8	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	14.7		
NNE	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	8.8		
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0	.0	2.9		
E	.0	2.9	.0	.0	.0	.0	.0	.0	.0	5.9	.0	2.9	.0	.0	11.8		
ESE	.0	2.9	.0	2.9	.0	.0	.0	2.9	.0	.0	.0	2.9	.0	.0	11.8		
SE	.0	.0	.0	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8		
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
S	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9		
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SW	.0	5.9	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8		
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9		
W	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0	8.8		
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	.0	5.9												.0	5.9		
TOTAL	.0	26.5	.0	41.2	.0	.0	.0	5.9	.0	5.9	.0	11.8	.0	8.8	.1	100	

ABO ALBUQUERQUE, NM
 CLASS 5 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AEG ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 5 / NIGHT

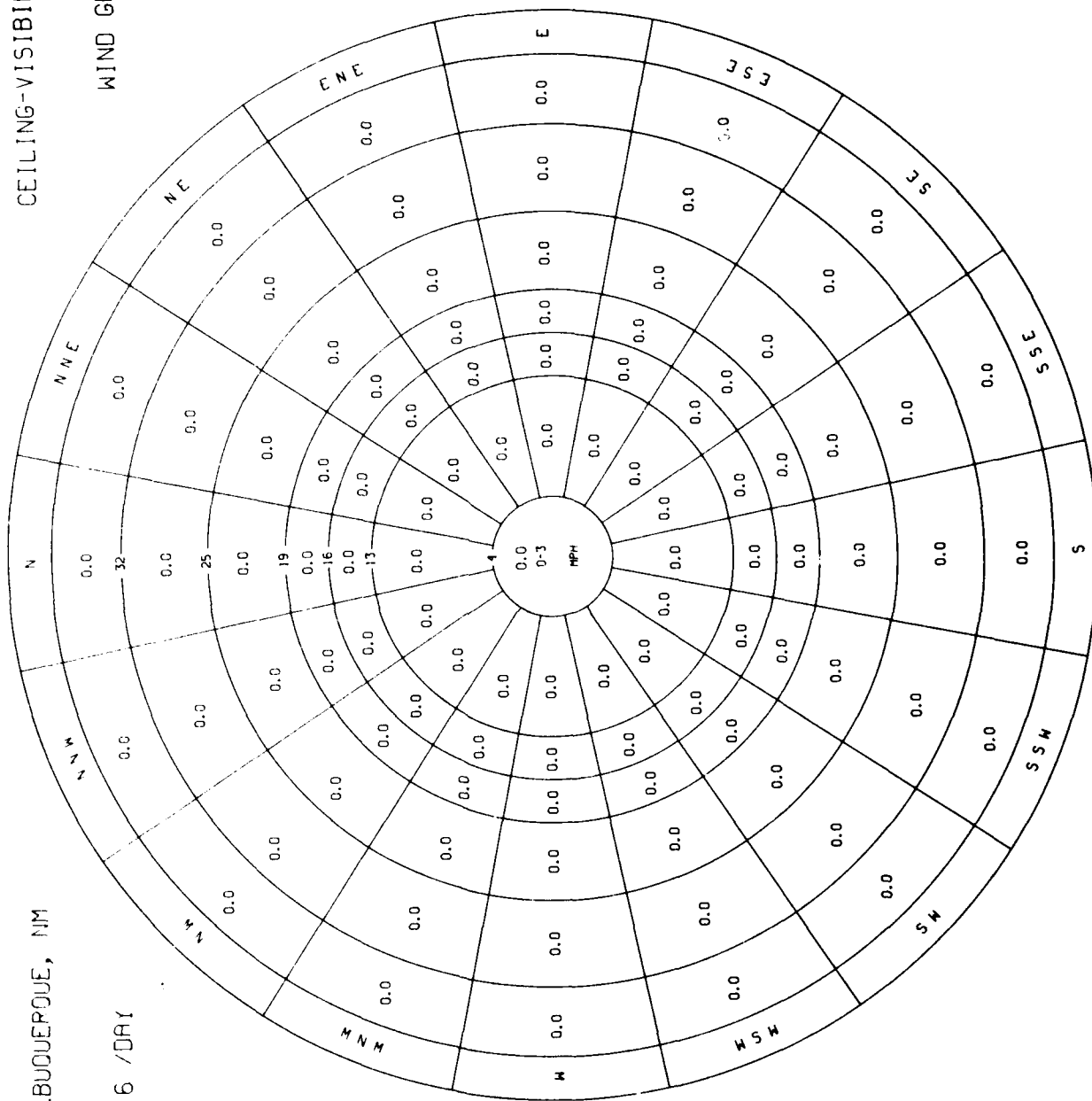
STATION NUMBER: 23050

NO. OBS.: 35

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	2.3	.0	5.7	.0	2.9	.0	.0	.0	2.9	.0	.0	.0	.0	.0	14.3	10.4
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	10.0
SSE	.0	.0	.0	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	7.3
S	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	2.5
SSW	.0	.0	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	13.0
SW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.5
WSW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.0
W	.0	5.6	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	3.6
WNW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.5
NW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	4.5
NNW	.0	2.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	5.7
CALM	.0	17.1													.0	17.1	
TOTAL	.0	51.4	.0	40.0	.0	5.7	.0	.0	.0	2.9	.0	.0	.0	.0	.1	100	5.3

ABO ALBUQUERQUE, NM

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABO ALBUQUERQUE, NM

CLASS 6 / DAY

NO. OBS.: 47

STATION NUMBER: 23050

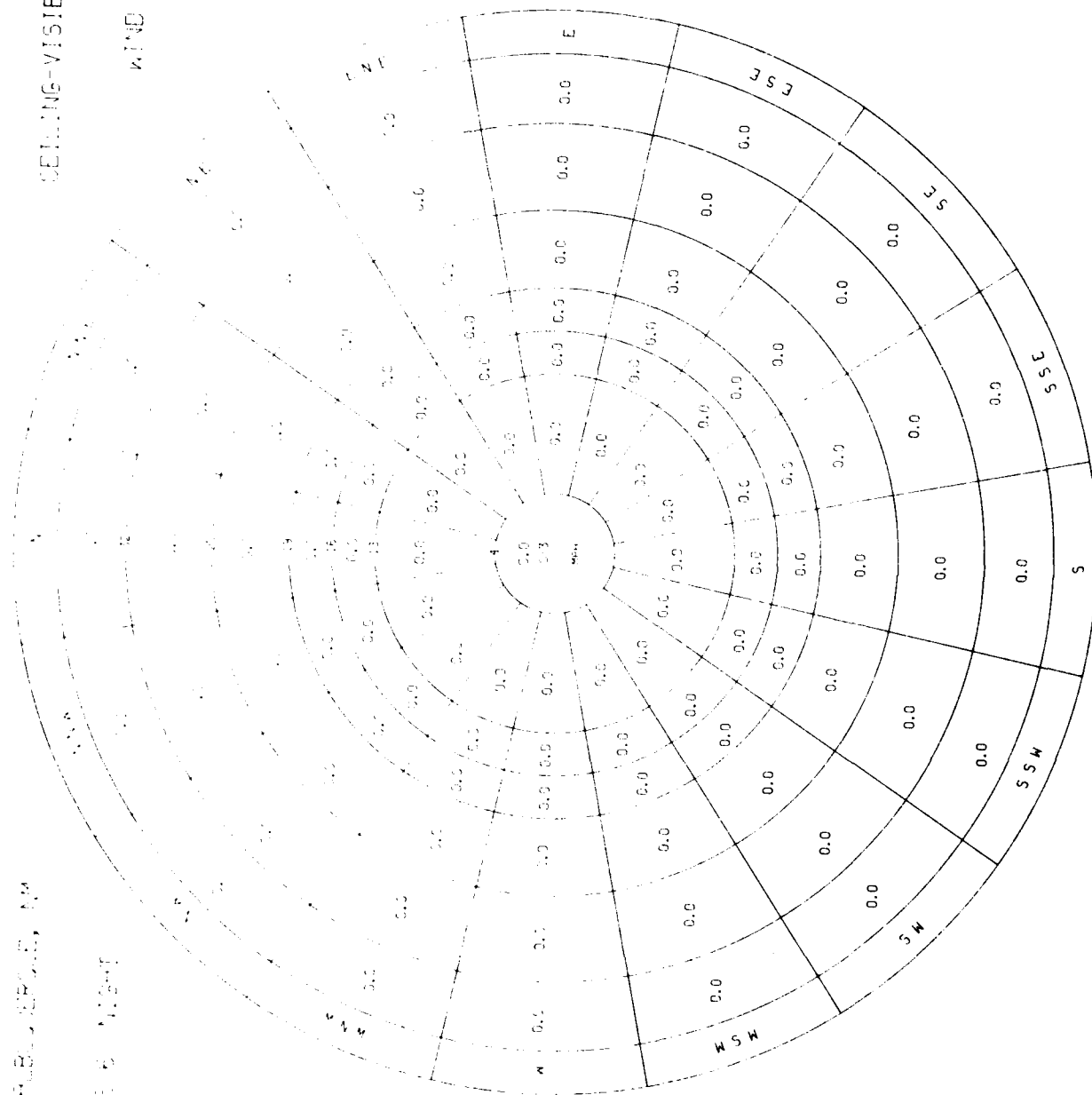
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.1	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4
NNE	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
NE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	2.1	.0	2.1	18.5
ESE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	4.3	.0	.0	21.3
SE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
SSE	.0	.0	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
S	.0	2.1	.0	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
SSW	.0	2.1	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
SW	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	29.3
WSW	.0	2.1	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	2.1	14.7
W	.0	2.1	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
WNW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
NW	.0	.0	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	11.0
NNW	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
CALM	.0	10.6													
TOTAL	.0	27.7	.1	53.2	.0	4.3	.0	.0	.0	.0	.0	6.4	.0	8.5	9.9

4400 PUBLIC, NW

2-9-61 11:30 PM

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABO ALBUQUERQUE, NM

CLASS 6 / NIGHT

NO. OBS.: 46

STATION NUMBER: 23050

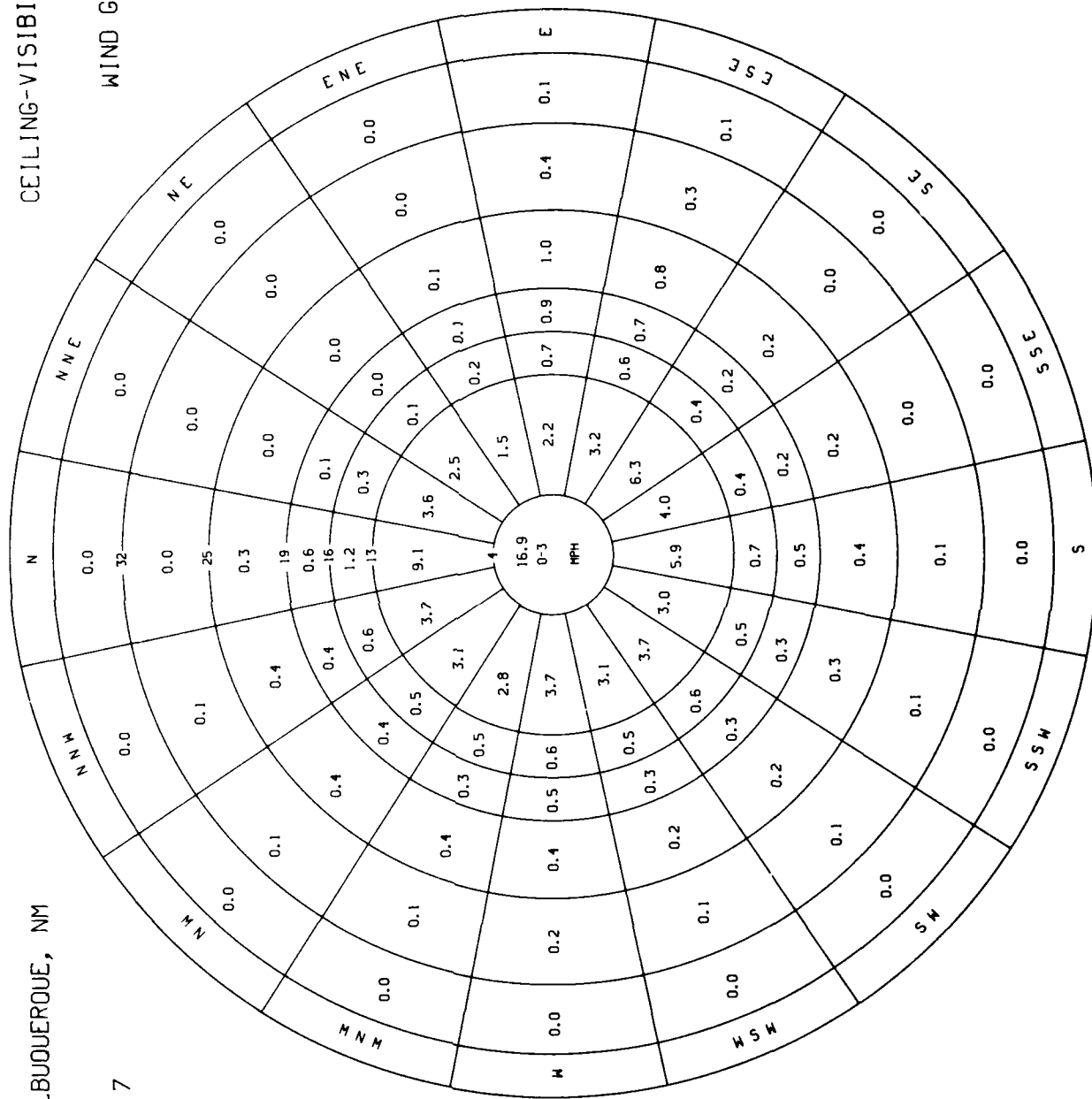
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
NNE	.0	2.2	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
NE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
ENE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
E	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
ESE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
SE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
SSE	.0	2.2	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2
S	.0	4.3	.0	10.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
SSW	.0	.0	.0	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
SW	.0	2.2	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
WSW	.0	2.2	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
W	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	2.2	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
NNW	.0	4.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
CALM	.0	10.9													10.9
TOTAL	.0	30.4	.1	59.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100

CEILING-VISIBILITY

WIND GRAPH

ABO ALBUQUERQUE, NM

CLASS 7

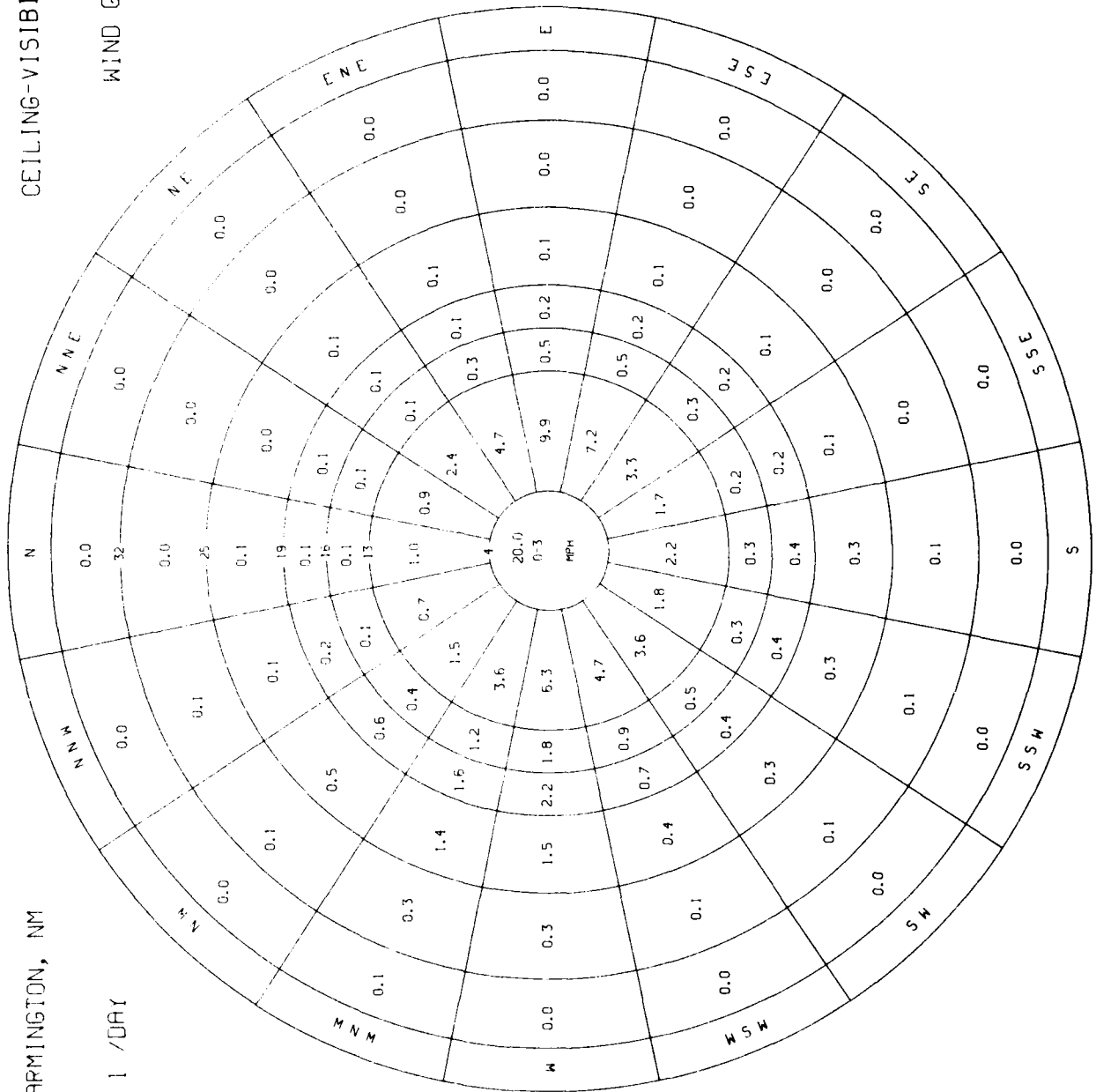


CEILING-VISIBILITY

WIND GRAPH

FMN FARMINGTON, NM

CLASS 1 /DAY



PRECEDING PAGE BLANK NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS 1 / DAY

NO. OBS.: 39443

STATION NUMBER: 23090

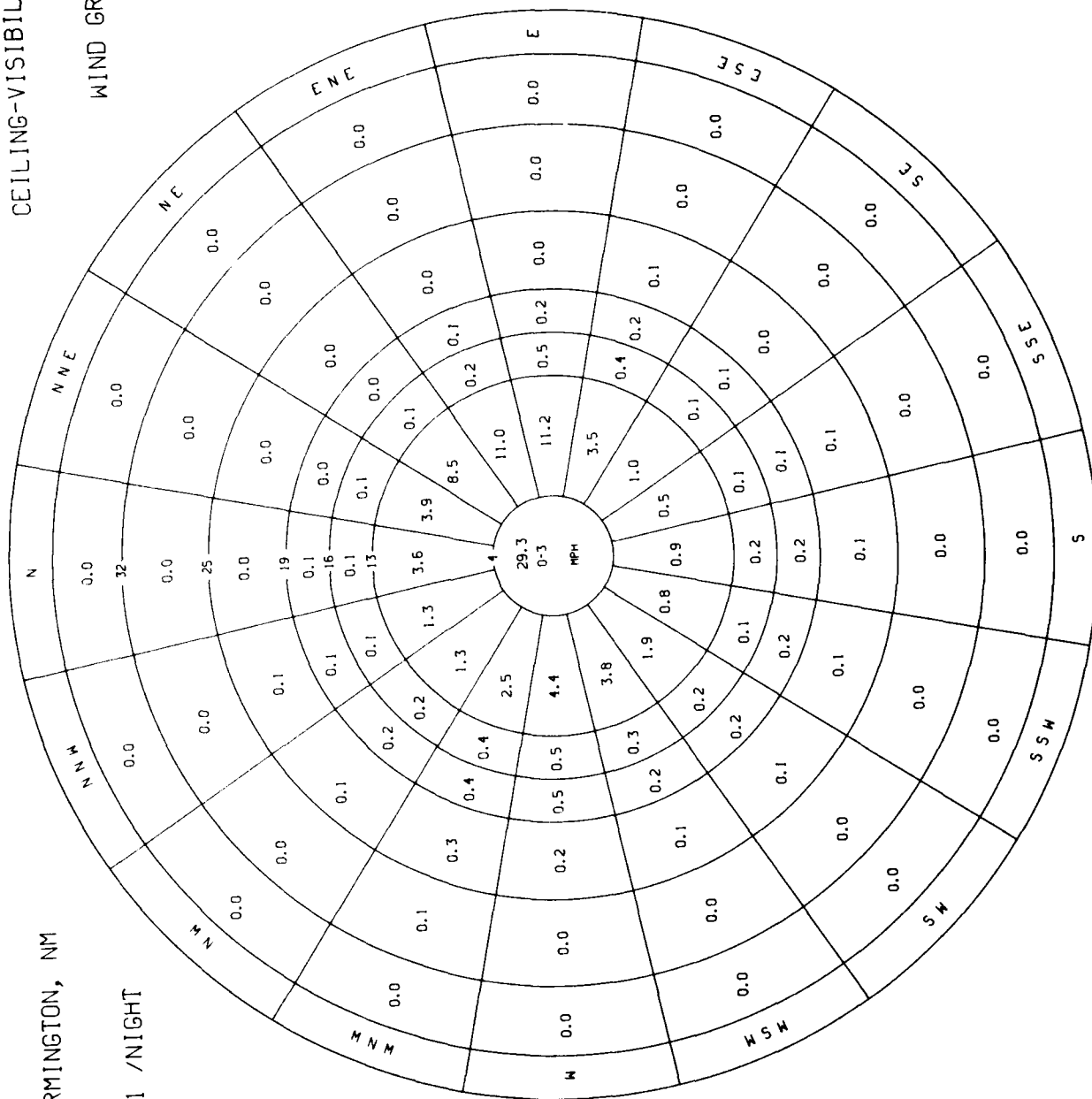
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	.2	1.0	1.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.6 1.6
NNE	.2	.2	.9	.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.3 1.3
NE	.5	.5	2.4	2.5	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	3.2 3.3
ENE	.6	.6	4.7	4.8	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	5.7 5.9
E	1.1	1.1	9.9	10.1	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	11.8 12.1
ESE	.6	.6	7.2	7.4	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	8.7 8.9
SE	.5	.5	3.3	3.4	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	4.3 4.4
SSE	.3	.3	1.7	1.7	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.4 2.5
S	.4	.4	2.2	2.2	.3	.3	.4	.4	.3	.3	.1	.1	.0	.0	3.7 3.8
SSW	.2	.2	1.8	1.8	.3	.3	.4	.4	.3	.3	.1	.1	.0	.0	3.1 3.2
SW	.5	.5	3.6	3.7	.5	.5	.4	.4	.3	.3	.1	.1	.0	.0	5.3 5.5
WSW	.4	.4	4.7	4.8	.9	.9	.7	.7	.4	.5	.1	.1	.0	.0	7.2 7.3
W	.5	.5	6.3	6.5	1.8	1.8	2.2	2.2	1.5	1.6	.3	.3	.0	.0	12.6 12.9
WNW	.3	.3	3.6	3.7	1.2	1.2	1.6	1.6	1.4	1.5	.3	.3	.1	.1	8.5 8.7
NW	.2	.2	1.5	1.6	.4	.4	.6	.6	.5	.6	.1	.1	.0	.0	3.4 3.5
NNW	.1	.1	.7	.8	.1	.1	.2	.2	.1	.1	.1	.1	.0	.0	1.4 1.4
CALM	13.6	13.9													13.6 13.9
TOTAL	20.0	20.5	55.5	56.8	7.6	7.8	7.6	7.8	5.5	5.6	1.3	1.3	.2	.2	97.8 100
															8.9

CEILING-VISIBILITY

WIND GRAPH

FMN FARMINGTON, NM

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FMN FARMINGTON, NM

PERIOD: 1954-1978

CLASS 1 / NIGHT

STATION NUMBER: 23090

NO. OBS.: 31815

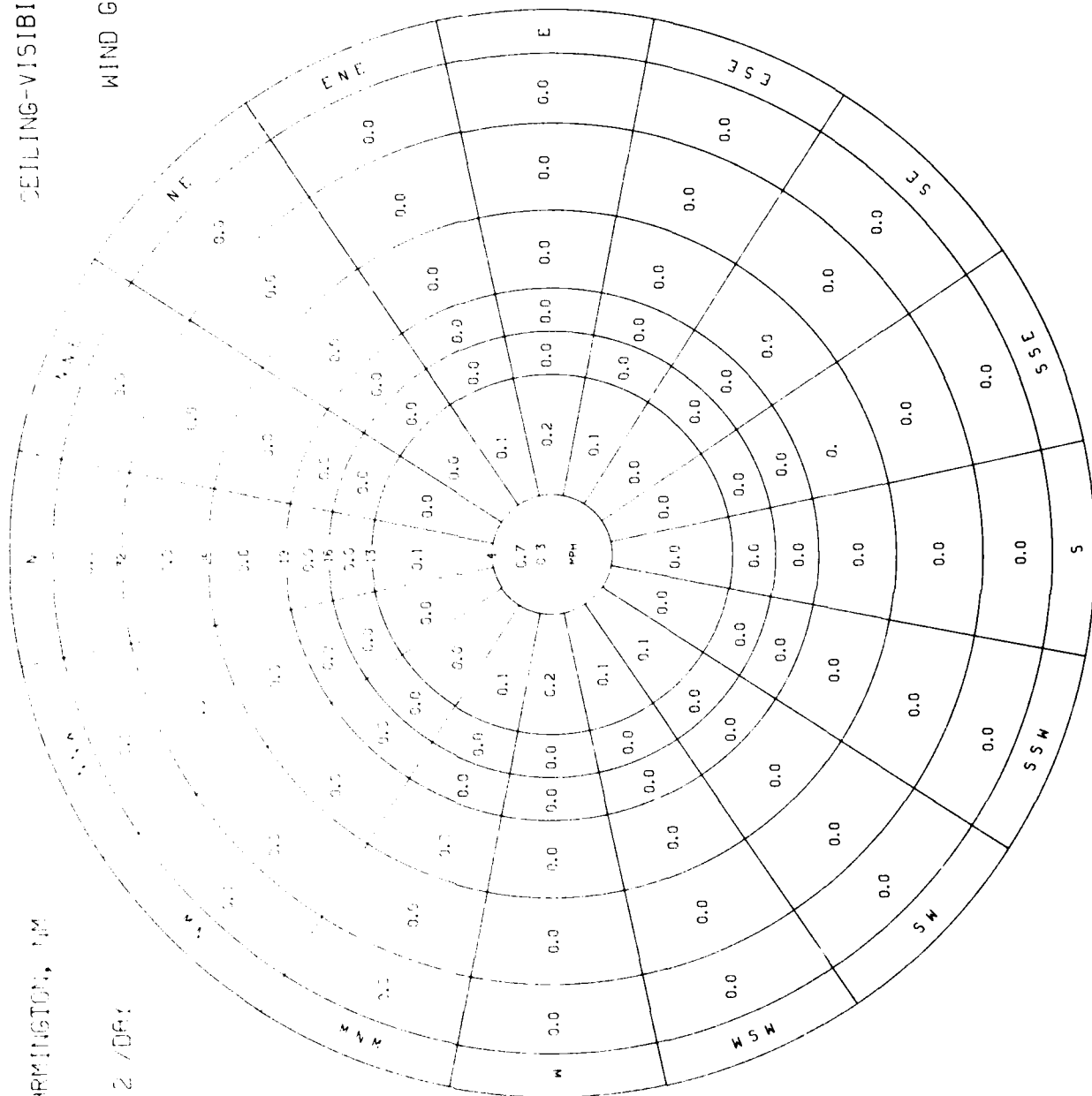
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.8	.9	3.6	3.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	4.6	4.8	6.7
NNE	1.0	1.0	3.9	4.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.1	6.4
NE	1.8	1.8	8.5	8.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	10.4	10.7	6.4
ENE	1.2	1.3	11.0	11.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	12.5	12.9	7.2
E	.9	.9	11.2	11.5	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	12.8	13.1	8.0
ESE	.2	.2	3.5	3.6	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	4.3	4.5	9.3
SE	.2	.2	1.0	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	1.5	9.5
SSE	.1	.1	.5	.5	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.9	.9	10.9
S	.1	.1	.9	.9	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	1.5	1.5	10.4
SSW	.1	.2	.8	.8	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	1.3	1.4	10.1
SW	.4	.4	1.9	2.0	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.8	2.9	8.6
WSW	.5	.5	3.8	3.9	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	5.0	5.1	8.5
W	.6	.6	4.4	4.6	.5	.5	.5	.5	.2	.3	.0	.0	.0	.0	6.3	6.5	9.2
WNW	.3	.3	2.5	2.5	.4	.4	.4	.4	.3	.3	.1	.1	.0	.0	3.9	4.0	10.4
NW	.2	.2	1.3	1.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.0	2.1	9.9
NNW	.3	.3	1.3	1.4	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.9	1.9	8.2
CALM	20.5	21.1													20.5	21.1	
TOTAL	29.3	30.1	60.1	61.7	3.6	3.7	2.7	2.7	1.4	1.4	.2	.2	.0	.0	97.3	100	6.3

CEILING-VISIBILITY

WIND GRAPH

FMM FARMINGTON, NM

CLASS 2 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMO, FARMINGTON, NM

CLASS 2 / DAY

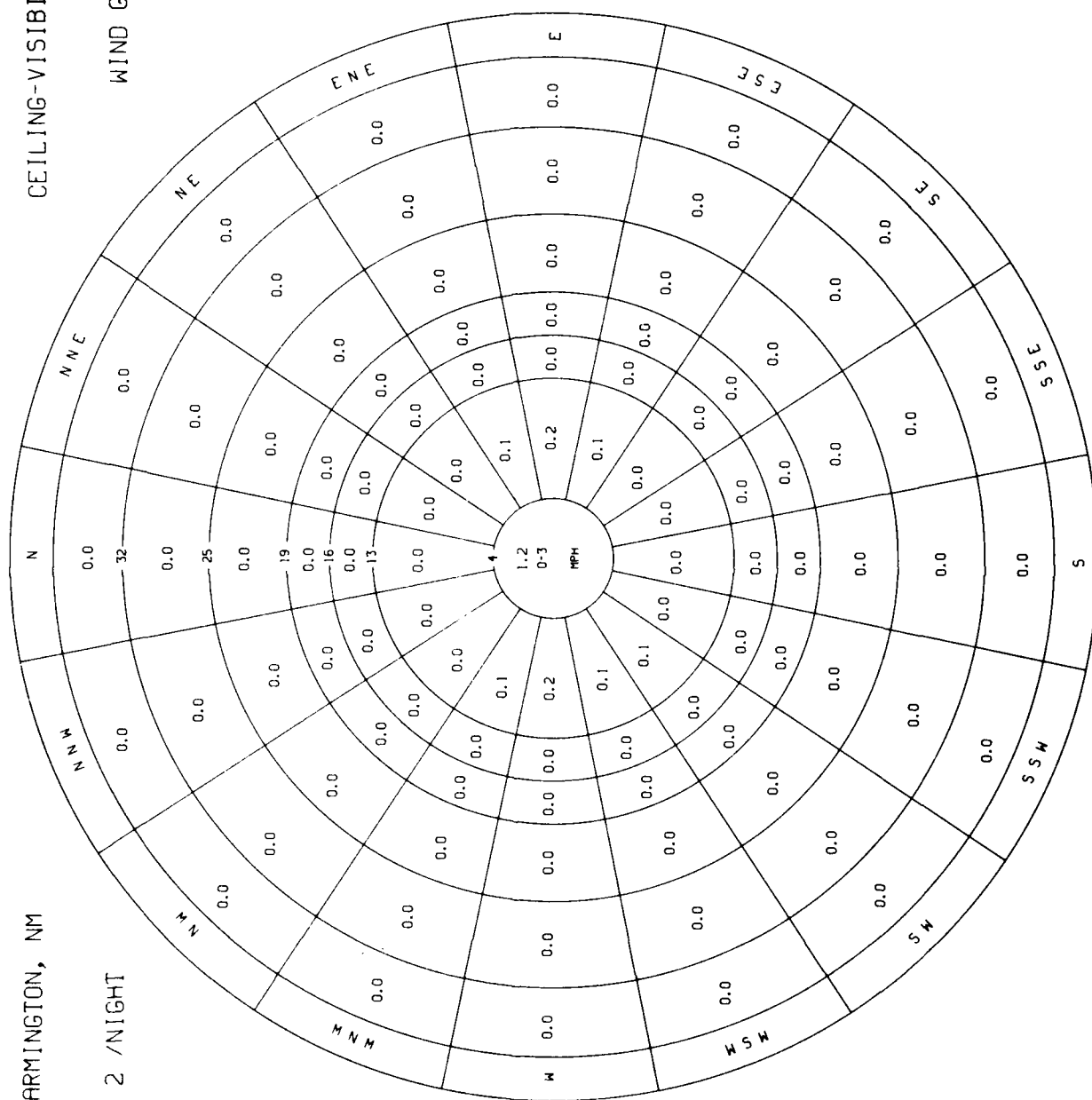
NO. OBS.: 894

STATION NUMBER: 23096

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.9	.1	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	6.3
NNE	.0	.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.8
NE	.0	.2	.0	2.2	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	2.8	8.2
ENE	.0	1.0	.1	4.7	.0	.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.1	6.7	8.1
E	.0	1.0	.2	7.4	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	9.5	8.4
ESE	.0	.6	.1	4.4	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	5.8	8.3
SE	.0	.2	.0	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.6
SSE	.0	.1	.0	.9	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	1.2	9.0
S	.0	.1	.0	1.0	.0	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	1.6	10.2
SSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.0	1.3	20.1
SW	.0	.7	.1	2.5	.0	.2	.0	.2	.0	.0	.0	.2	.0	.1	.1	.1	3.9	9.9
WSW	.0	.7	.1	4.8	.0	.4	.0	.2	.0	.3	.0	.6	.0	.2	.2	.2	7.3	10.9
W	.0	2.1	.2	7.4	.0	1.9	.0	2.1	.0	1.6	.0	1.1	.0	.2	.4	16.4	12.3	
WNW	.0	.4	.1	4.3	.0	1.1	.0	1.8	.0	.9	.0	.3	.0	.2	.2	9.1	13.3	
NW	.0	.1	.0	2.2	.0	.2	.0	.2	.0	.3	.0	.0	.0	.0	.1	3.1	10.9	
NNW	.0	.0	.0	.4	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.9	14.2	
CALM	.5	23.4													.5	23.4		
TOTAL	.7	.9	1.1	48.0	.1	6.6	.1	6.0	.1	3.6	.1	2.8	.0	1.1	2.2	100		8.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

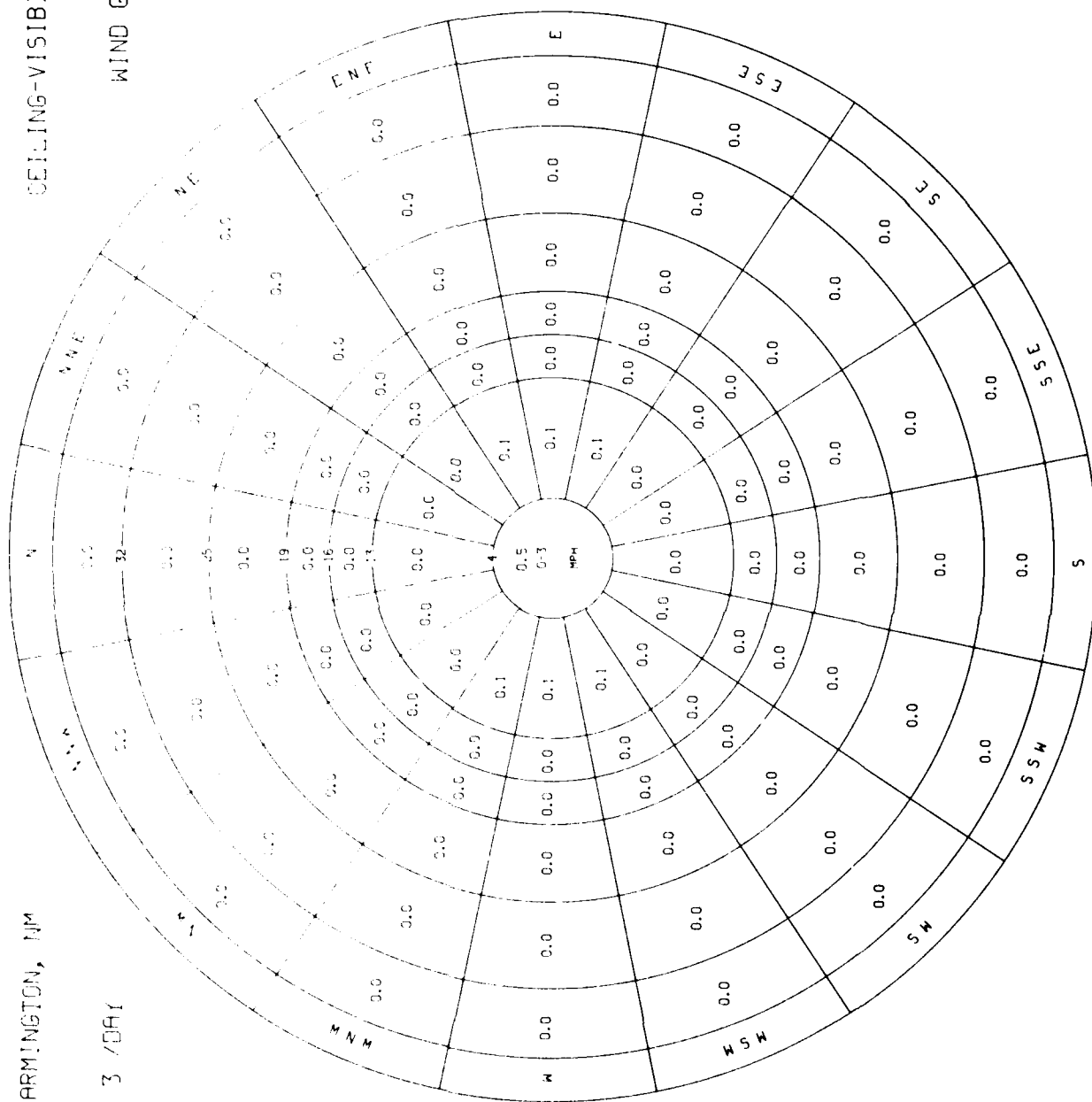
CLASS 2 / NIGHT

NO. OBS.: 874

STATION NUMBER: 23090

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.0	.0	1.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
NNE	.0	.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.2
NE	.0	1.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.9
ENE	.0	1.1	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
E	.0	.9	.2	8.4	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.3 10.2
ESE	.0	.3	.1	3.3	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.1 4.6
SE	.0	.5	.0	1.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
SSE	.0	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
S	.0	.2	.0	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0 1.8
SSW	.0	.6	.0	.9	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0 1.8
SW	.0	.9	.1	2.4	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.1 3.8
WSW	.0	.7	.1	4.9	.0	.8	.0	.1	.0	.2	.0	.1	.0	.0	.2 6.9
W	.0	1.0	.2	8.7	.0	1.3	.0	1.3	.0	.9	.0	.0	.0	.0	.4 13.2
WNW	.0	.2	.1	4.2	.0	.2	.0	.5	.0	.6	.0	.1	.0	.0	.2 6.1
NW	.0	.3	.0	.9	.0	.0	.0	.2	.0	.1	.0	.1	.0	.0	.0 1.7
NNW	.0	.3	.0	.5	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0 1.1
CALM	.9	33.3													.9 33.3
TOTAL	1.2	43.1	1.2	46.5	.1	5.1	.1	2.6	.1	2.2	.0	.5	.0	.0	2.7 100
															5.6

FMN FARMINGTON, NM
 CLASS 3 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMV FARMINGTON, NM

CLASS: 3-12

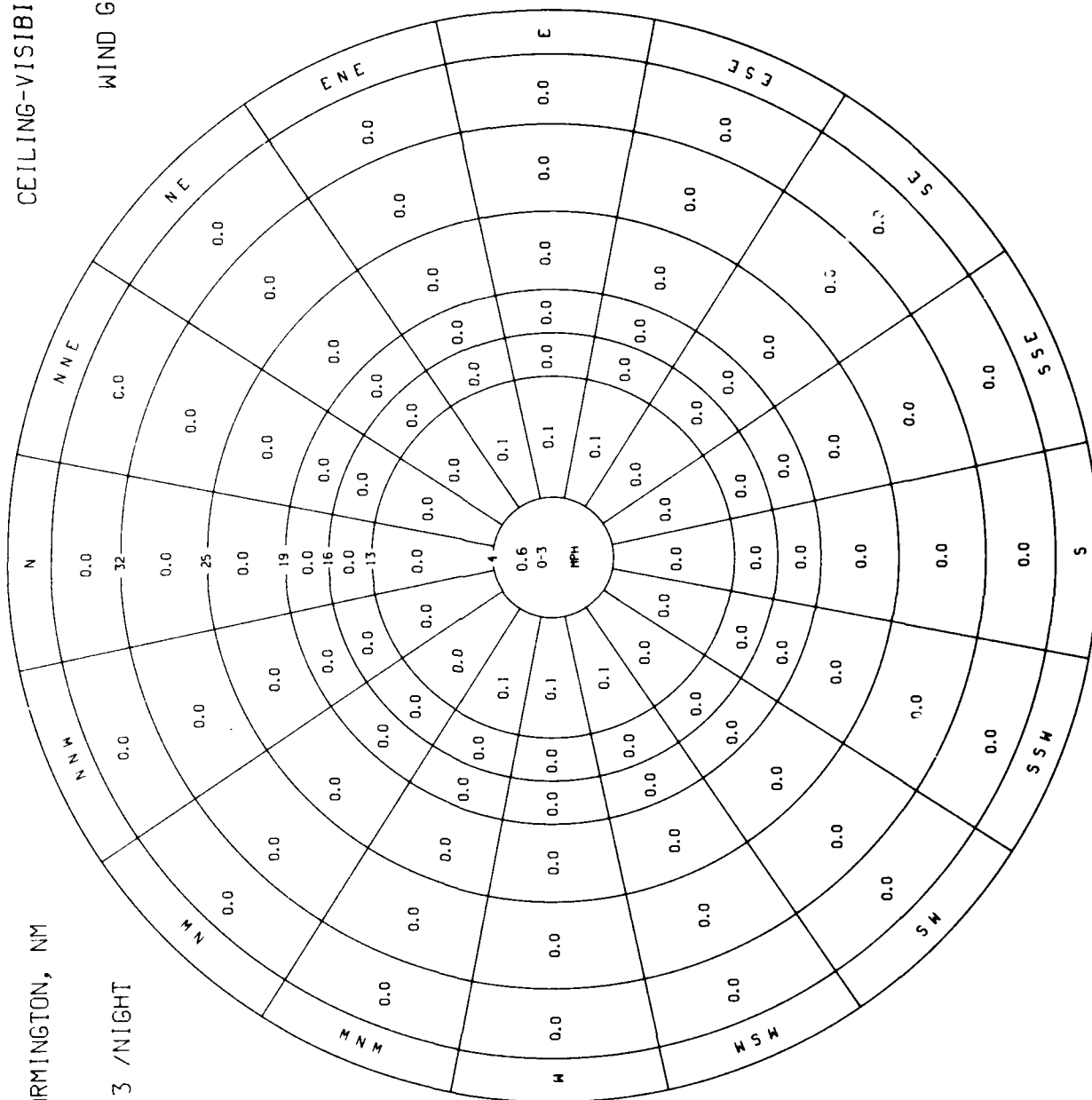
NO. OBS.: 671

STATION NUMBER: 23390

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.9	.0	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	6.6		
NNE	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.9		
NNE	.0	.1	.0	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	8.4		
ENE	.0	.9	.1	4.9	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.1	6.9	8.1		
E	.0	.3	.1	6.7	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1	8.5	8.5		
ESE	.0	.5	.1	4.3	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1	5.8	8.1		
SE	.0	.1	.0	1.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.6	8.9		
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.4		
S	.0	.1	.0	1.3	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	1.9	9.9		
SSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.4	.0	.3	.0	.0	1.3	21.3		
SW	.0	.9	.0	2.5	.0	.1	.0	.3	.0	.0	.1	.0	.1	.1	.1	4.2	9.6		
WSW	.0	.4	.1	5.1	.0	.3	.0	.3	.0	.4	.0	.6	.0	.1	.1	7.3	11.0		
W	.0	2.2	.1	7.6	.0	2.1	.0	2.4	.0	.6	.0	1.3	.0	.1	.3	17.4	12.5		
WNW	.0	.4	.1	4.6	.0	.3	.0	2.1	.0	.0	.4	.0	.3	.0	.2	10.3	13.7		
NW	.0	.0	.0	2.7	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.1	3.6	11.2		
NNW	.0	.0	.0	.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.0	12.2		
CALM	.4	21.2													.4	21.2			
TOTAL	.5	29.4	.8	49.0	.1	6.7	.1	6.9	.1	3.9	.1	3.1	.0	1.0	1.7	10.0	8.3		

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS 3 / NIGHT

NO. OBS.: 538

STATION NUMBER: 23090

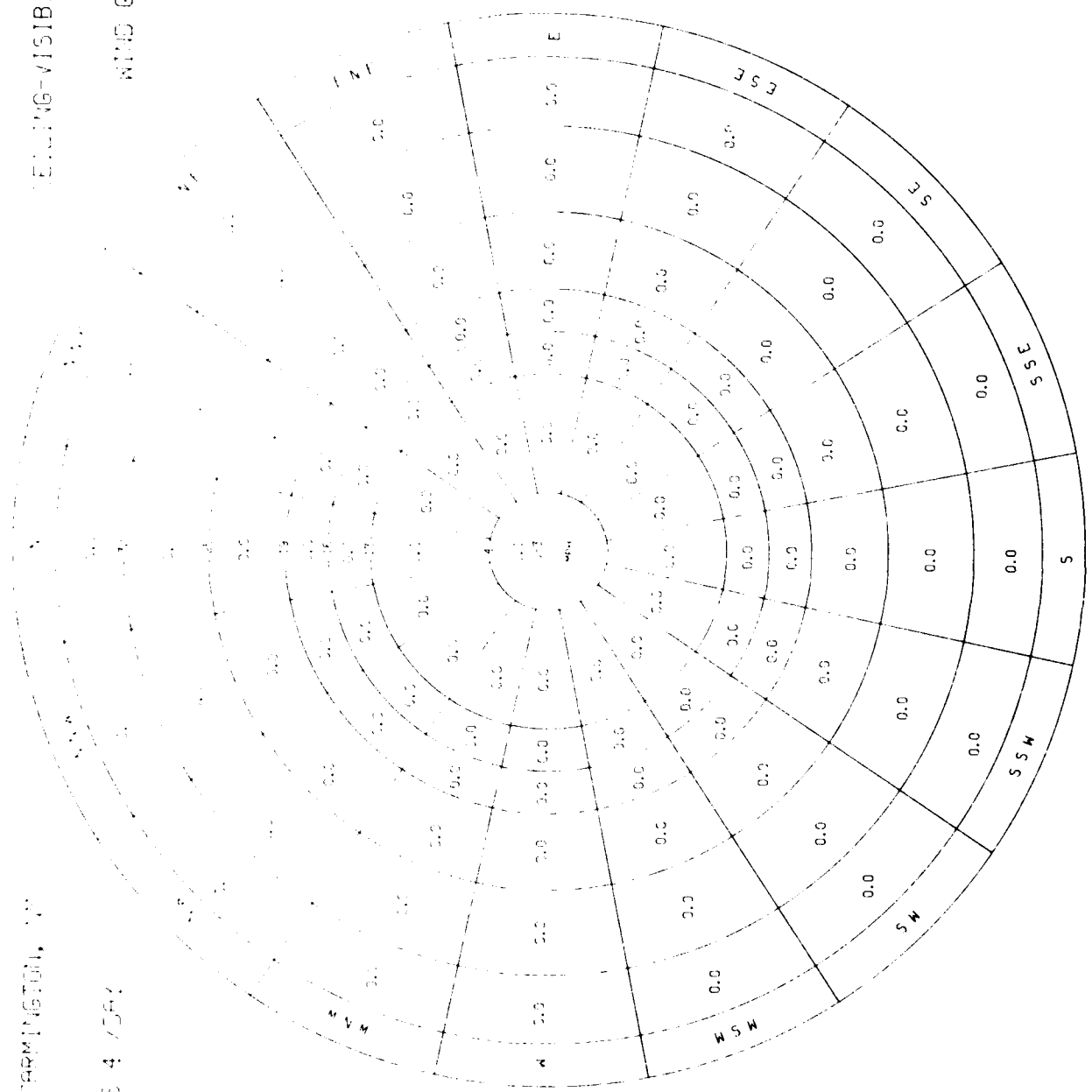
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.1	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	6.1
NNE	.0	.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.1
NE	.0	.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.1
ENE	.0	1.3	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	6.4
E	.0	.7	.1	8.7	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.2	10.6	8.0
ESE	.0	.4	.1	3.9	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.1	5.8	9.5
SE	.0	.4	.0	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.5
SSE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.3
S	.0	.4	.0	.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.3	7.3
SSW	.0	.6	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.7
SW	.0	.7	.0	2.2	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1	3.7	8.3
WSW	.0	.2	.1	5.9	.0	.9	.0	.0	.0	.2	.0	.2	.0	.0	.1	7.4	9.9
W	.0	.9	.1	7.6	.0	1.1	.0	1.7	.0	1.5	.0	.0	.0	.0	.2	12.8	11.1
WNW	.0	.2	.1	4.8	.0	.0	.0	.7	.0	.6	.0	.2	.0	.0	.1	6.5	10.7
NW	.0	.2	.0	1.3	.0	.0	.0	.4	.0	.2	.0	.2	.0	.0	.0	2.2	11.3
NNW	.0	.4	.0	.4	.0	.0	.0	.2	.0	.2	.0	.2	.0	.0	.0	1.3	11.0
CALM	.5	29.6													.5	29.6	
TOTAL	.6	37.4	.8	49.6	.1	5.8	.1	3.7	.0	2.8	.0	.7	.0	.0	1.6	100	6.3

RELING-VISIBILITY

WIND GRAPH

FMN FARMINGTON, VT

CLASS 4 / 594



CEILING-VISIBILITY WIND TABULATIONS ANNUAL

STATION NAME: FMO, FARMINGTON, NM

PERIOD: 1954-1978

CLASS 4 / DAY

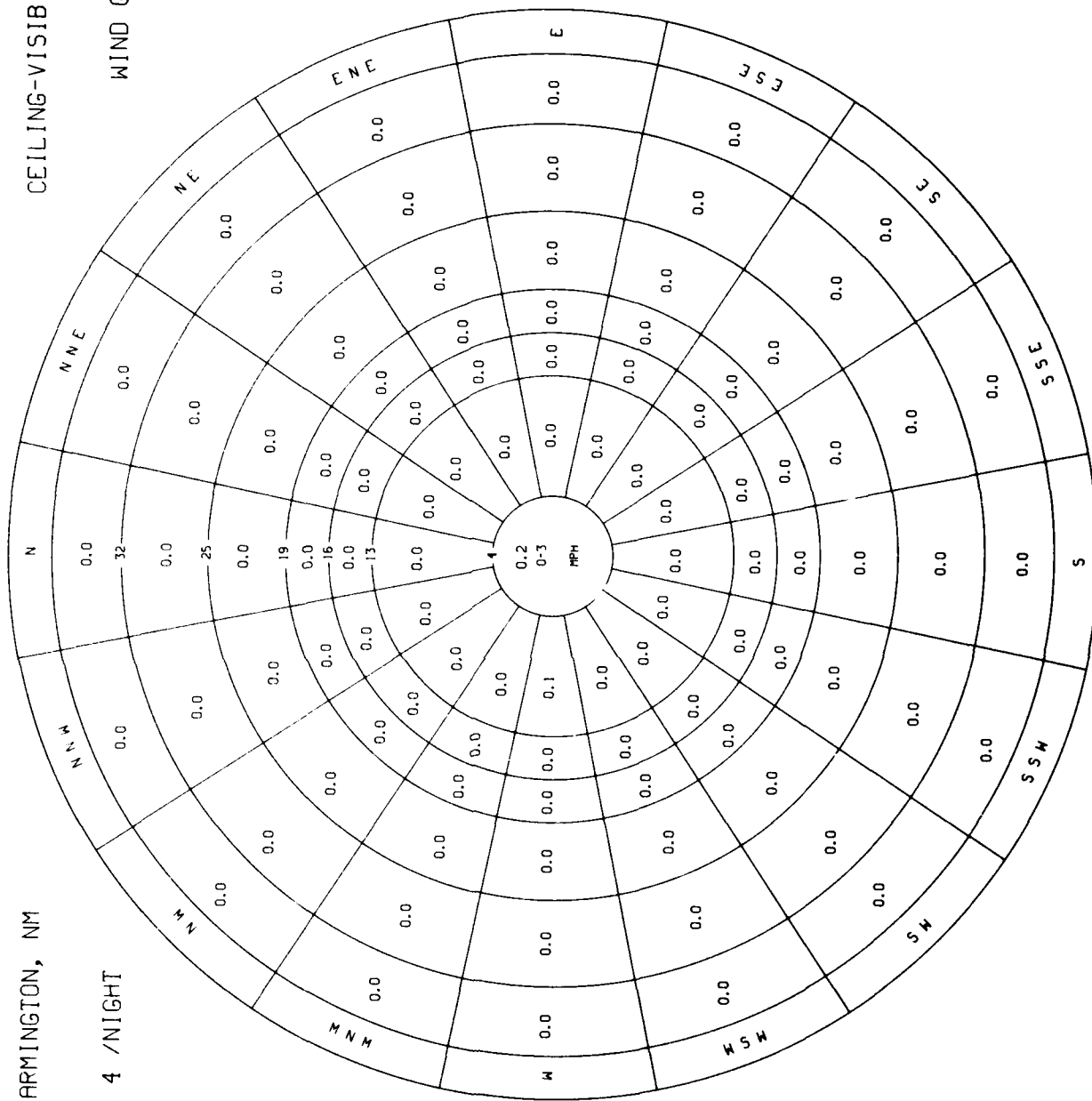
STATION NUMBER: 23090

NO. OBS.: 130

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
NNE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
NE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.4
ENE	.0	1.5	.0	3.8	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0 6.9
E	.0	.0	.0	12.3	.0	1.5	.0	.8	.0	.0	.0	.0	.0	.0	.0 14.6
ESE	.0	.8	.0	3.1	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0 5.4
SE	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SSE	.0	.8	.0	1.5	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0 3.1
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0 1.5
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0 2.3
WSW	.0	.8	.0	4.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.8	.0 6.9
W	.0	.8	.0	5.4	.0	2.3	.0	.8	.0	2.3	.0	.0	.0	.8	.0 12.3
WNW	.0	.8	.0	4.6	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0 6.2
NW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0 .8
CALM	.1	26.9													.1 26.9
TOTAL	.1	33.1	.2	49.2	.0	6.9	.0	3.8	.0	3.1	.0	1.5	.0	2.3	.3 100
															7.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS 4 / NIGHT

NO. OBS.: 148

STATION NUMBER: 23090

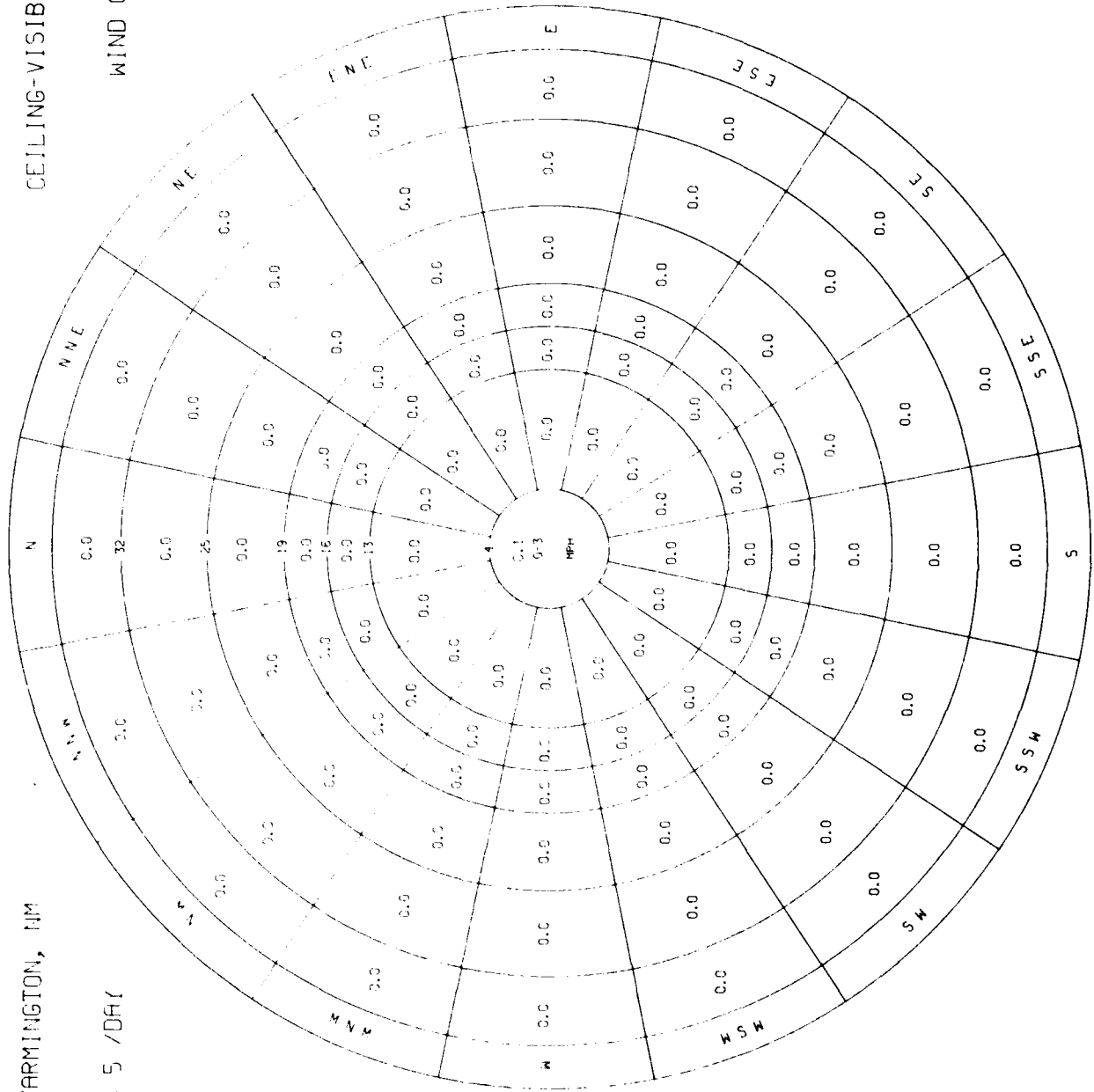
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.0
NNE	.0	.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.0
NE	.0	2.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.0
ENE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.7
E	.0	.7	.0	9.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	7.8
ESE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	9.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.3
S	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
SSW	.0	.0	.0	1.4	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	2.7	13.0
SW	.0	1.4	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.7
WSW	.0	.7	.0	3.4	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	5.4	9.0
W	.0	2.0	.1	13.5	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	18.2	8.7
WNW	.0	.0	.0	4.1	.0	1.4	.0	.0	.0	.7	.0	.0	.0	.0	.0	6.1	10.3
NW	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.0
NNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
CALM	.1	32.4													.1	32.4	
TOTAL	.2	43.2	.2	48.6	.0	6.1	.0	.0	.0	2.0	.0	.0	.0	.0	.5	100	5.3

FMN FARMINGTON, NM

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FMN FARMINGTON, NM

PERIOD: 1954-1978

CLASS 5 / DAY

STATION NUMBER: 23090

NO. OBS.: 50

D I R	SPEED GROUPS (MPH)													AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
ENE	.0	2.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.0
E	.0	2.0	.0	6.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 10.0
ESE	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 10.0
SE	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
S	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SW	.0	.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
WSW	.0	4.0	.0	6.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 12.0
W	.0	.0	.0	6.0	.0	.0	.0	2.0	.0	.0	.0	2.0	.0	.0	.0 10.0
WNW	.0	.0	.0	.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0 4.0
NW	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0 6.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
CALM	.0	28.0													.0 28.0
TOTAL	.1	42.0	.0	40.0	.0	10.0	.0	4.0	.0	2.0	.0	2.0	.0	.0	.1 100 6.2

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS 5 / NIGHT

NO. OBS.: 75

STATION NUMBER: 23090

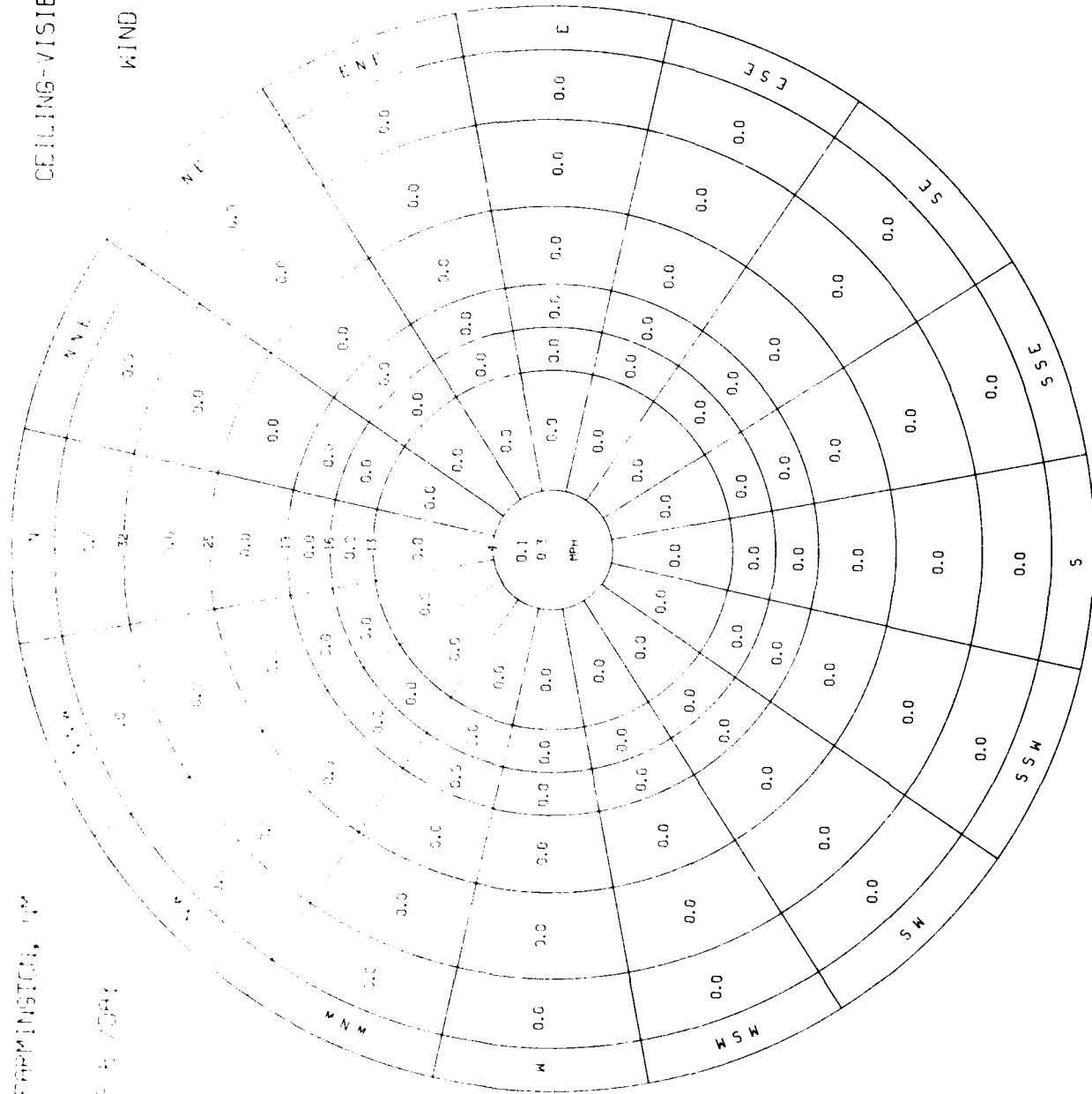
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
																A	B	C	D
N	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.0			
NNE	.0	2.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	3.0			
NNE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.5			
ENE	.0	1.3	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	7.5			
E	.0	2.7	.0	9.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	5.5			
ESE	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	8.2			
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SW	.0	1.3	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.7			
WSW	.0	1.3	.0	4.0	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	8.0	8.3			
W	.0	.0	.0	5.3	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	5.7	9.0			
WNW	.0	1.3	.0	2.7	.0	1.3	.0	.0	.0	1.3	.0	.0	.0	.0	7.7	12.4			
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NNW	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.0			
CALM	.1	41.3													.1	41.3			
TOTAL	.1	54.7	.1	38.7	.0	2.7	.0	2.7	.0	1.3	.0	.0	.0	.0	.2	100	4.3		

FMN FARMINGTON, CT

CROSS 0 7041

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS: 6 / DAY

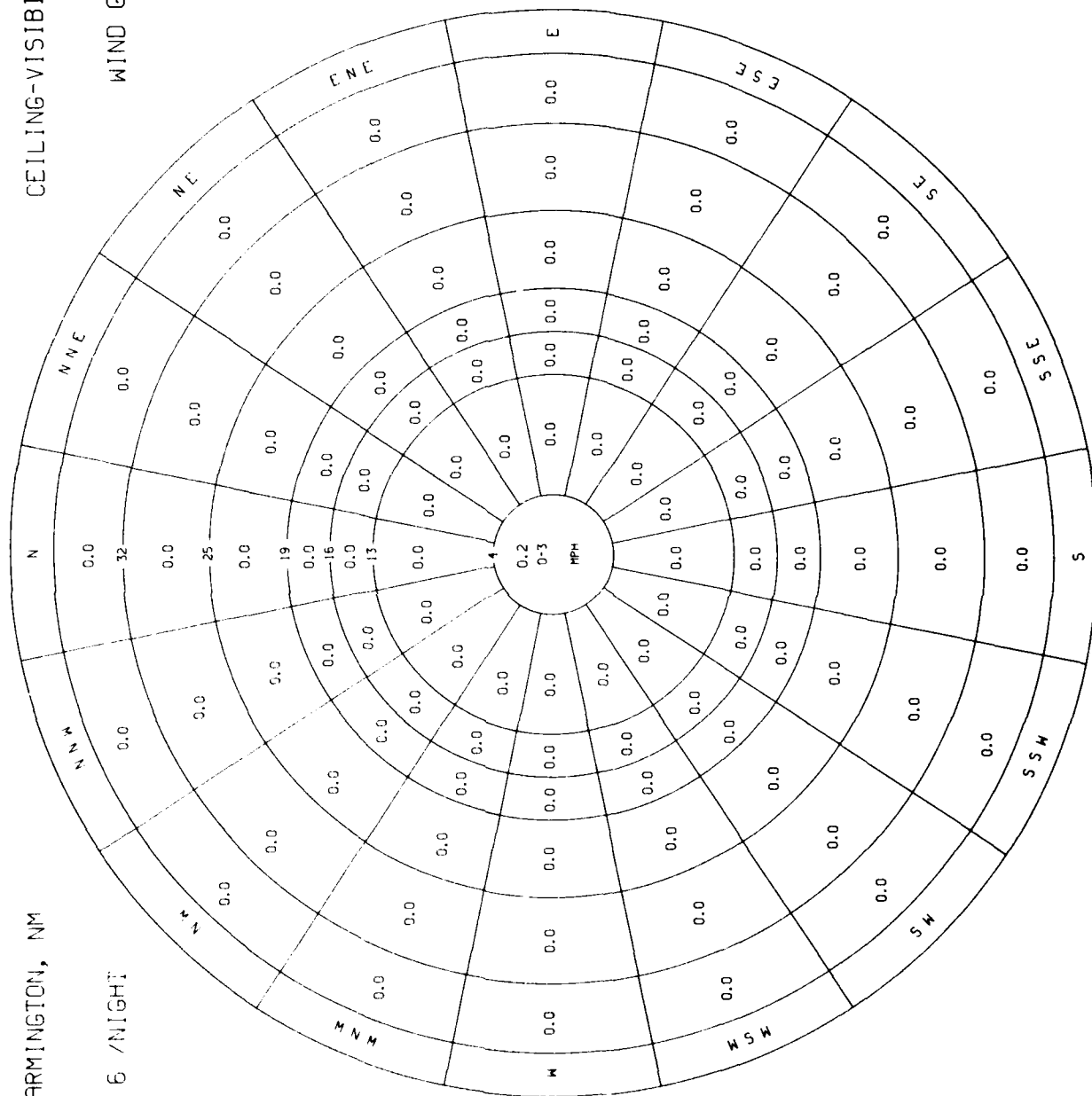
NO. OBS.: 43

STATION NUMBER: 23090

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.5
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.0
ENE	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.0
E	.0	4.7	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	4.5
ESE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	8.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.0
SSW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.0
SW	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	29.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.9
W	.0	7.0	.0	11.6	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	20.9	14.5
WNW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	4.7	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	41.9														41.9	4.6
TOTAL	.1	55.8	.0	37.2	.0	.0	.0	2.3	.0	2.3	.0	2.3	.0	.0	.1	100	

CEILING-VISIBILITY
WIND GRAPH

FMN FARMINGTON, NM
CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FPM, FARMINGTON, NM

CLASS: 6 / NIGHT

NO. OBS.: 113

STATION NUMBER: 23096

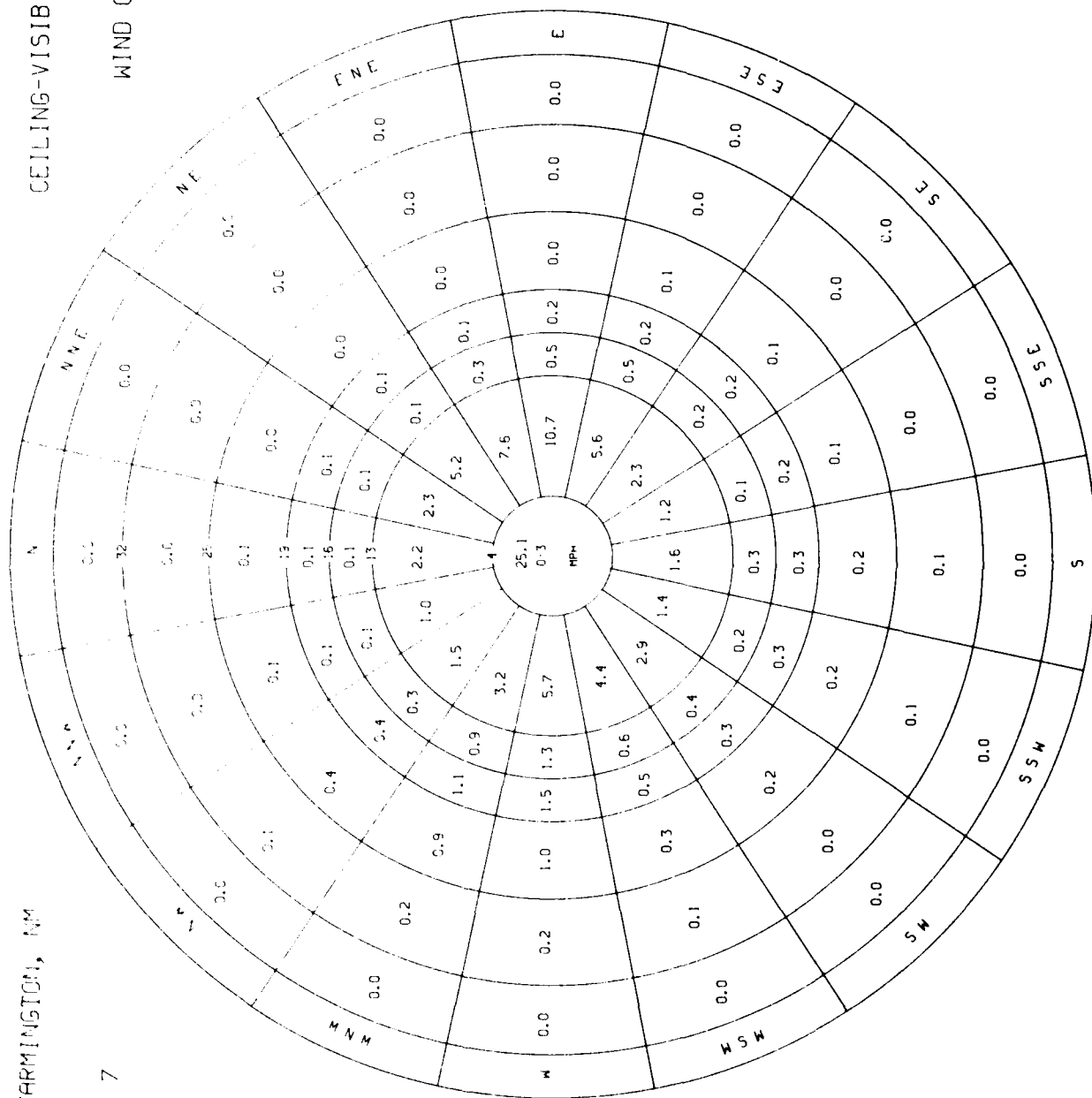
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.5
NNE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.0
NE	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.0
ENE	.0	1.8	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	4.7
E	.0	.9	.0	4.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.6
ESE	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
SE	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.0
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.0
S	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	8.0
SSW	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.5
SW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0
WSW	.0	2.7	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.2
W	.0	.9	.0	9.7	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	12.4	8.1
WNW	.0	.0	.0	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	8.2
NW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
NNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.0
CALM	.2	46.9													.2	46.9	
TOTAL	.2	62.8	.1	33.6	.0	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.3	100	3.1

FMN FARMINGTON, NM

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

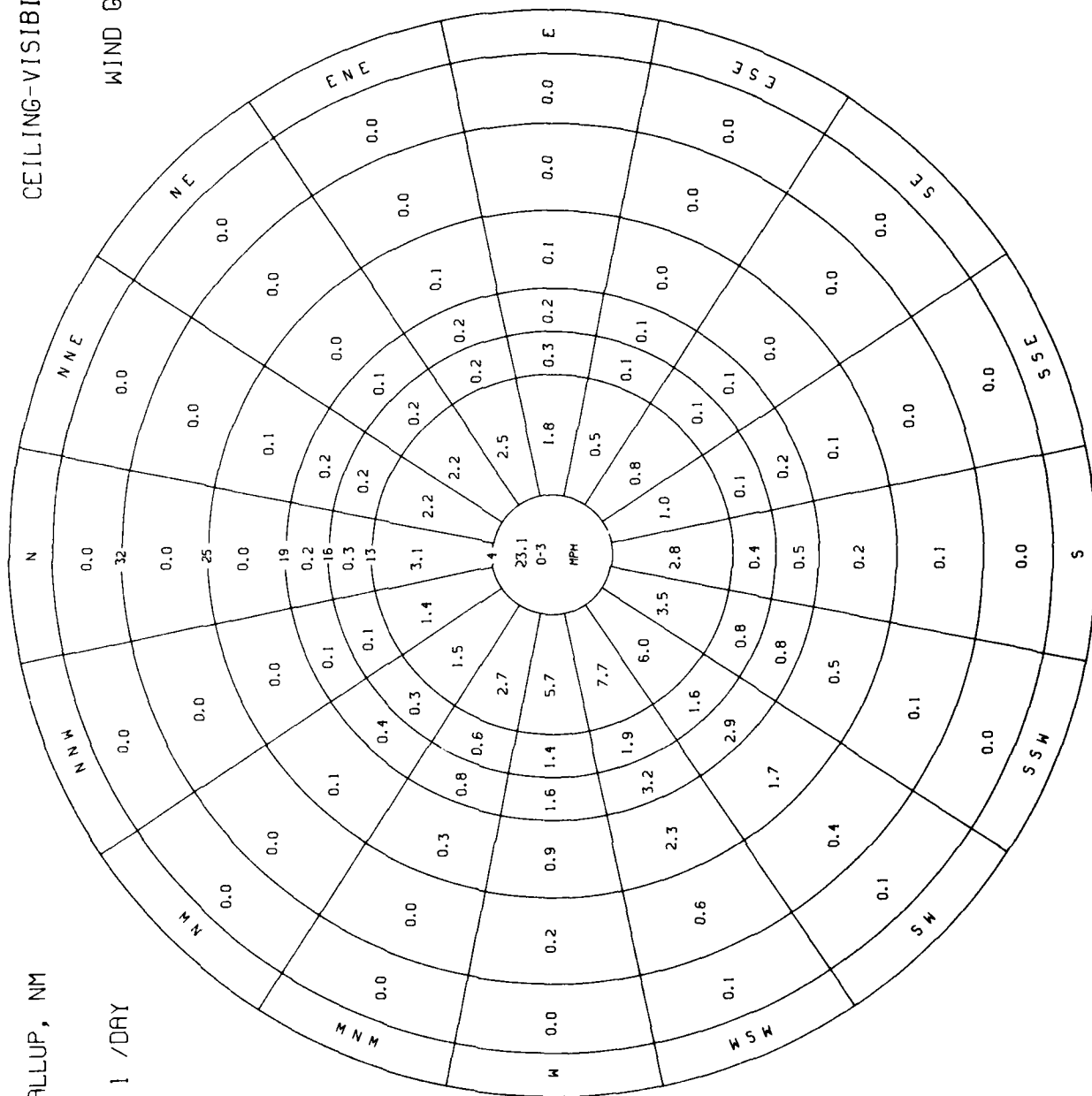


CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 1 /DAY



PRECEDING PAGE BLANK-NOT FIL

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 1 / DAY

NO. OBS.: 9124

STATION NUMBER: 23081

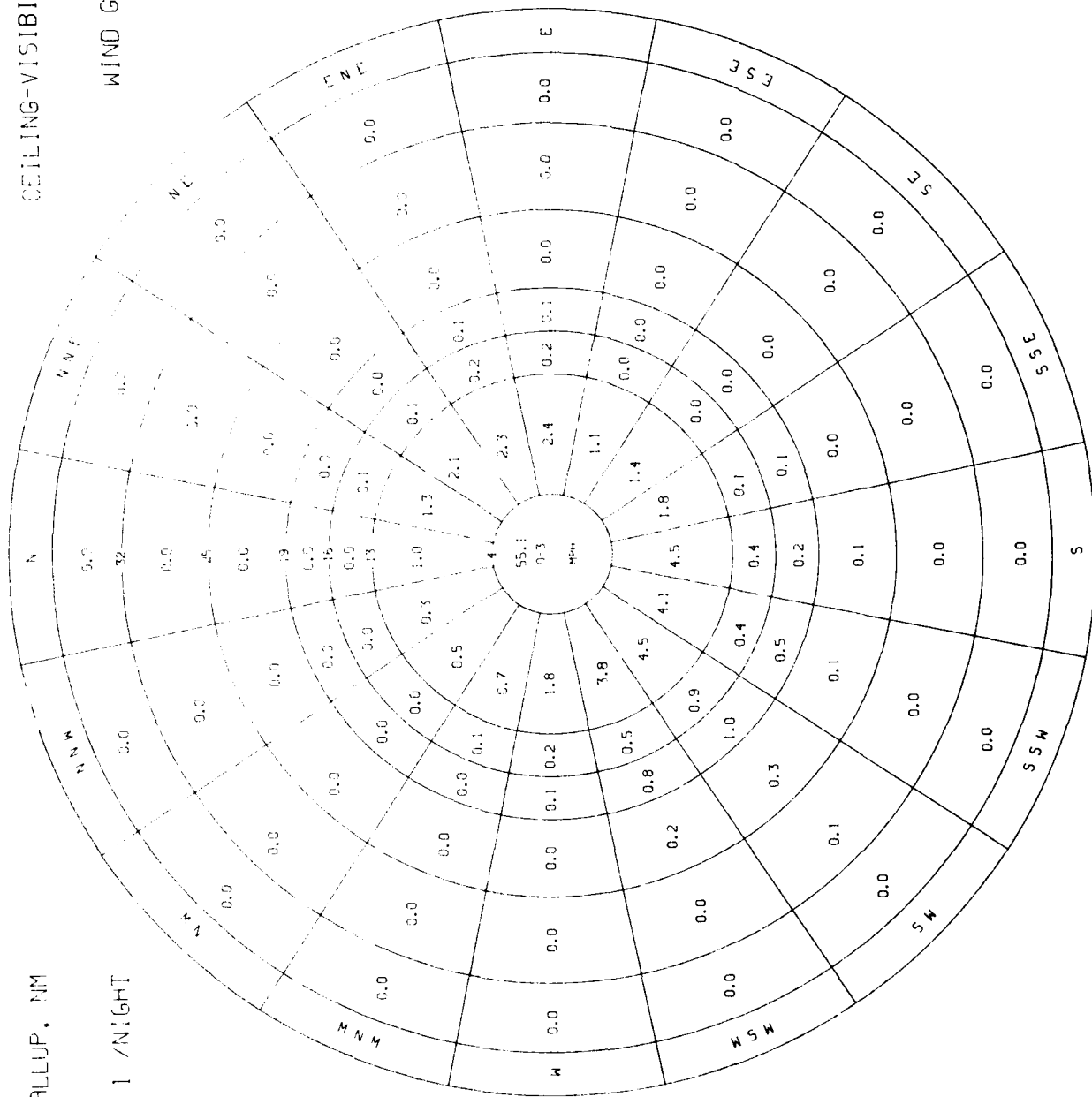
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	3.1	3.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	3.7 3.8
NNE	.0	.0	2.2	2.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.7 2.8
NE	.0	.0	2.2	2.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5 2.6
ENE	.0	.0	2.5	2.6	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	3.0 3.1
E	.0	.0	1.8	1.9	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.3 2.4
ESE	.0	.0	.5	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.7 .8
SE	.0	.0	.8	.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.1 1.1
SSE	.0	.0	1.0	1.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	1.3 1.4
S	.0	.0	2.8	2.9	.4	.4	.5	.6	.2	.2	.1	.1	.0	.0	4.1 4.2
SSW	.1	.1	3.5	3.6	.8	.8	.8	.8	.5	.6	.1	.1	.0	.0	5.8 6.0
SW	.0	.0	6.0	6.2	1.6	1.6	2.9	3.0	1.7	1.8	.4	.4	.1	.1	12.5 13.0
WSW	.0	.0	7.7	8.0	1.9	1.9	3.2	3.4	2.3	2.3	.5	.6	.1	.1	15.7 16.3
W	.0	.0	5.7	5.9	1.4	1.4	1.6	1.6	.9	.9	.2	.2	.0	.0	9.7 10.1
WNW	.0	.0	2.7	2.8	.6	.6	.8	.8	.3	.3	.0	.0	.0	.0	4.3 4.5
NW	.0	.0	1.5	1.6	.3	.3	.4	.4	.1	.1	.0	.0	.0	.0	2.3 2.4
NNW	.0	.0	1.4	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.7 1.8
CALM	22.8	23.6													22.8 23.6
TOTAL	23.1	23.9	45.4	47.1	8.4	8.7	11.6	12.0	6.4	6.7	1.4	1.4	.2	.2	96.4 100

CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 1 / NIGHT

NO. OBS.: 7688

STATION NUMBER: 23081

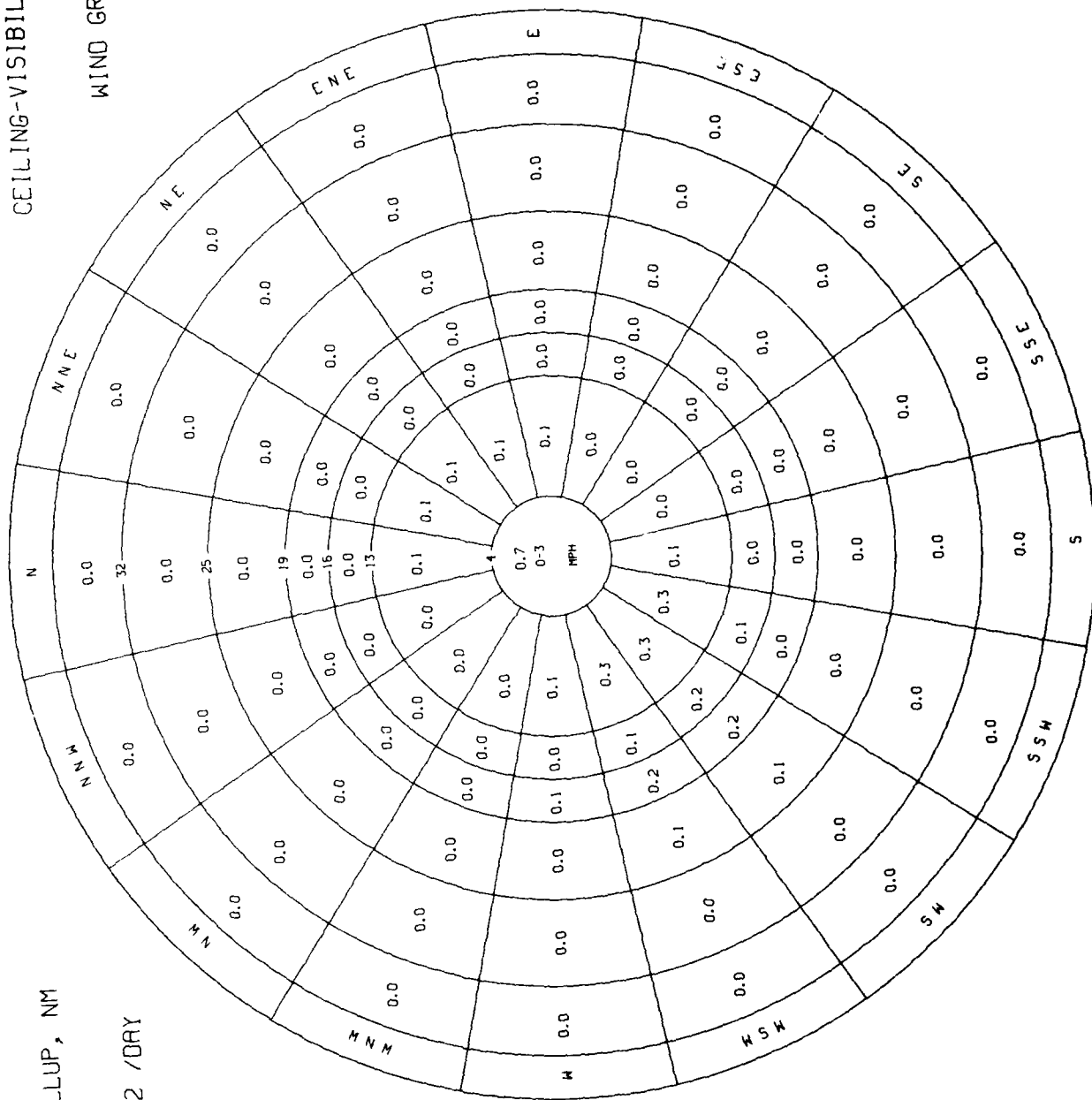
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1 1.1
NNE	.0	.0	1.3	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4 1.5
NE	.0	.0	2.1	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2 2.3
ENE	.0	.0	2.3	2.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.6 2.7
E	.0	.0	2.4	2.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.7 2.8
ESE	.0	.0	1.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.2
SE	.1	.1	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5 1.6
SSE	.0	.0	1.8	1.9	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	2.0 2.1
S	.1	.1	4.5	4.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	5.2 5.4
SSW	.0	.0	4.1	4.2	.4	.4	.5	.5	.1	.1	.0	.0	.0	.0	5.1 5.3
SW	.0	.0	4.5	4.7	.9	1.0	1.0	1.0	.3	.3	.1	.1	.0	.0	6.8 7.1
WSW	.0	.0	3.8	4.0	.5	.5	.8	.9	.2	.2	.0	.0	.0	.0	5.5 5.7
W	.0	.0	1.8	1.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2 2.3
WNW	.0	.0	.7	.8	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.9 .9
NW	.0	.0	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 .6
NNW	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 .4
CALM	54.7	57.0													54.7 57.0
TOTAL	55.1	57.4	33.6	35.0	3.1	3.2	3.1	3.2	.9	1.0	.1	.2	.0	.0	96.1 100

CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 2 / DAY

NO. OBS.: 343

STATION NUMBER: 23081

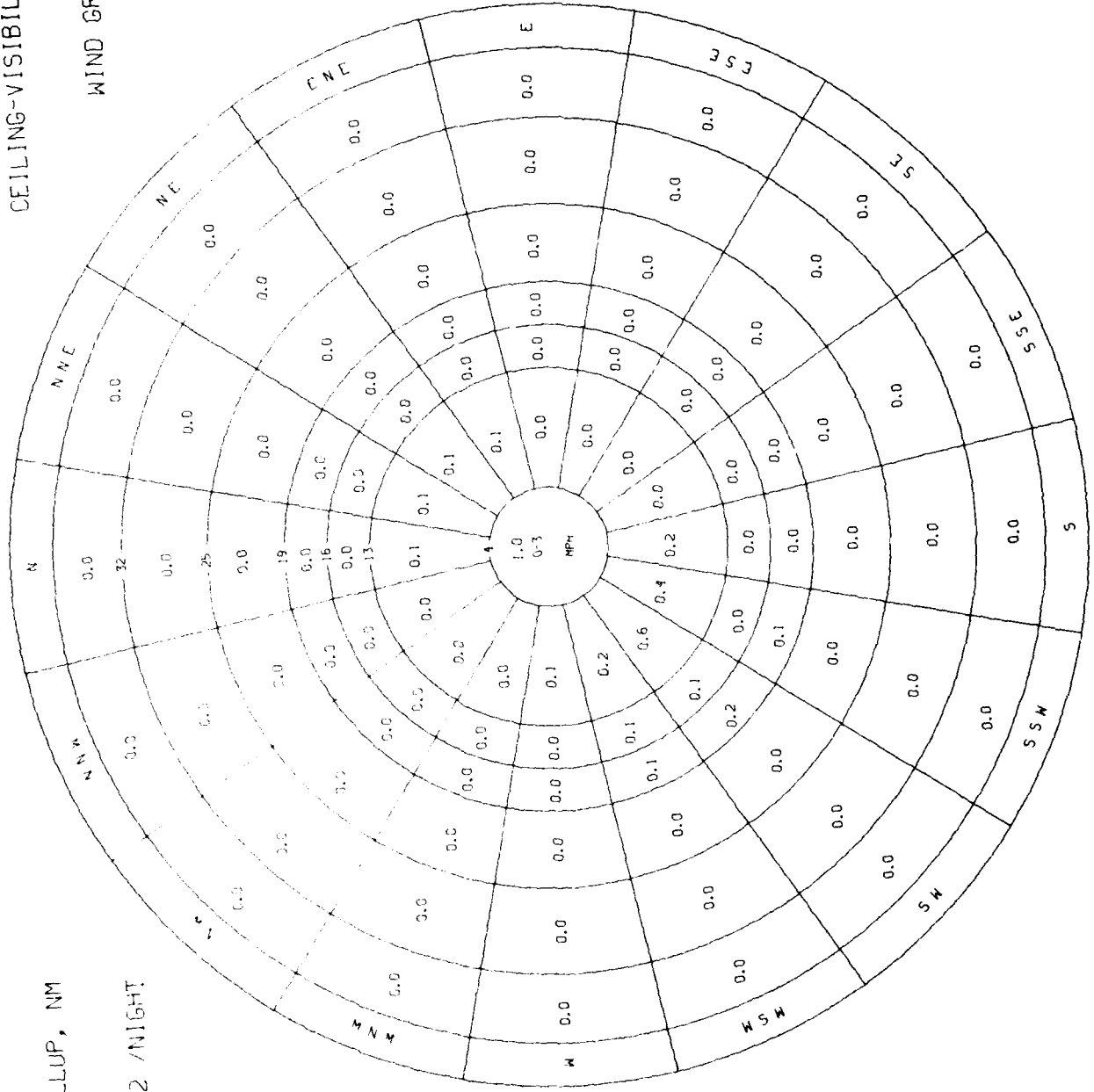
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.1	4.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.2	4.7	9.0
NNE	.0	.0	.1	1.5	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1	2.3	10.6
NE	.0	.0	.1	1.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	9.7
ENE	.0	.0	.1	4.1	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.2	4.7	10.3
E	.0	.0	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	7.4
ESE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.0
SE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.0
SSE	.0	.0	.0	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.9	11.7
S	.0	.0	.1	2.9	.0	.3	.0	.0	.3	.0	.0	.3	.0	.0	.1	3.5	10.4
SSW	.0	.0	.3	7.9	.1	1.5	.0	.3	.0	.3	.0	.3	.0	.0	.4	10.8	11.2
SW	.0	.3	.3	7.3	.2	4.7	.2	4.7	.1	2.6	.0	.6	.0	.0	.7	20.1	14.4
WSW	.0	.0	.3	8.2	.1	3.2	.2	4.4	.1	2.6	.0	1.2	.0	.3	.7	19.8	14.7
W	.0	.3	.1	4.1	.0	.3	.1	2.3	.0	.9	.0	.0	.0	.0	.3	7.9	12.3
WNW	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.6	15.0
NW	.0	.0	.0	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.9	11.3
NNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.1	1.5	13.6
CALM	.6	17.5													.6	17.5	
TOTAL	.7	18.1	1.7	46.4	.4	11.7	.5	14.6	.3	7.0	.1	2.0	.0	.3	3.6	100	10.4

CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 2 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GUP GALLUP, NM

PERIOD: 1973-1978

CLASS 2 / NIGHT

STATION NUMBER: 23081

NO. OBS.: 314

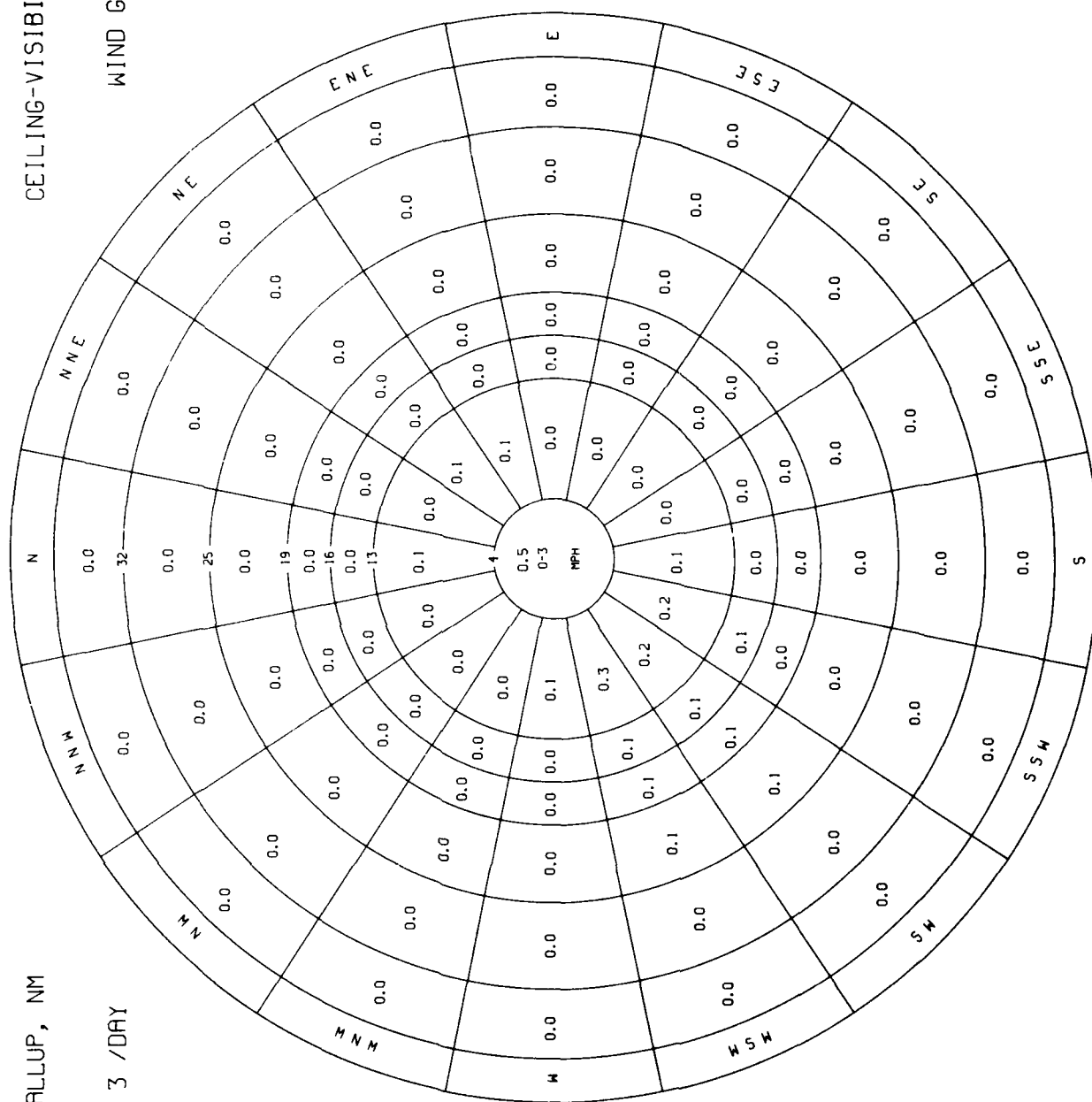
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
NNE	.0	.3	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
NE	.0	.0	.1	1.6	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	2.5
ENE	.0	.0	.1	3.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.8
E	.0	.0	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.6
ESE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
SSE	.0	.0	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.3
S	.0	.0	.2	5.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.7
SSW	.0	.0	.4	9.2	.0	.6	.1	1.6	.0	.0	.0	.0	.0	.0	11.5
SW	.0	.0	.6	15.9	.1	3.5	.2	5.1	.0	1.3	.0	.3	.0	.0	26.1
WSW	.0	.3	.2	5.7	.1	1.6	.1	1.9	.0	.3	.0	.0	.0	.0	9.9
W	.0	.0	.1	3.8	.0	.0	.0	.3	.0	.6	.0	.0	.0	.0	4.8
WNW	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.3
NW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
NNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
CALM	1.0	26.1													26.1
TOTAL	1.0	26.8	2.1	53.5	.3	7.6	.4	9.6	.1	2.2	.0	.3	.0	.0	3.9
															100
															7.6

CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 3 / DAY

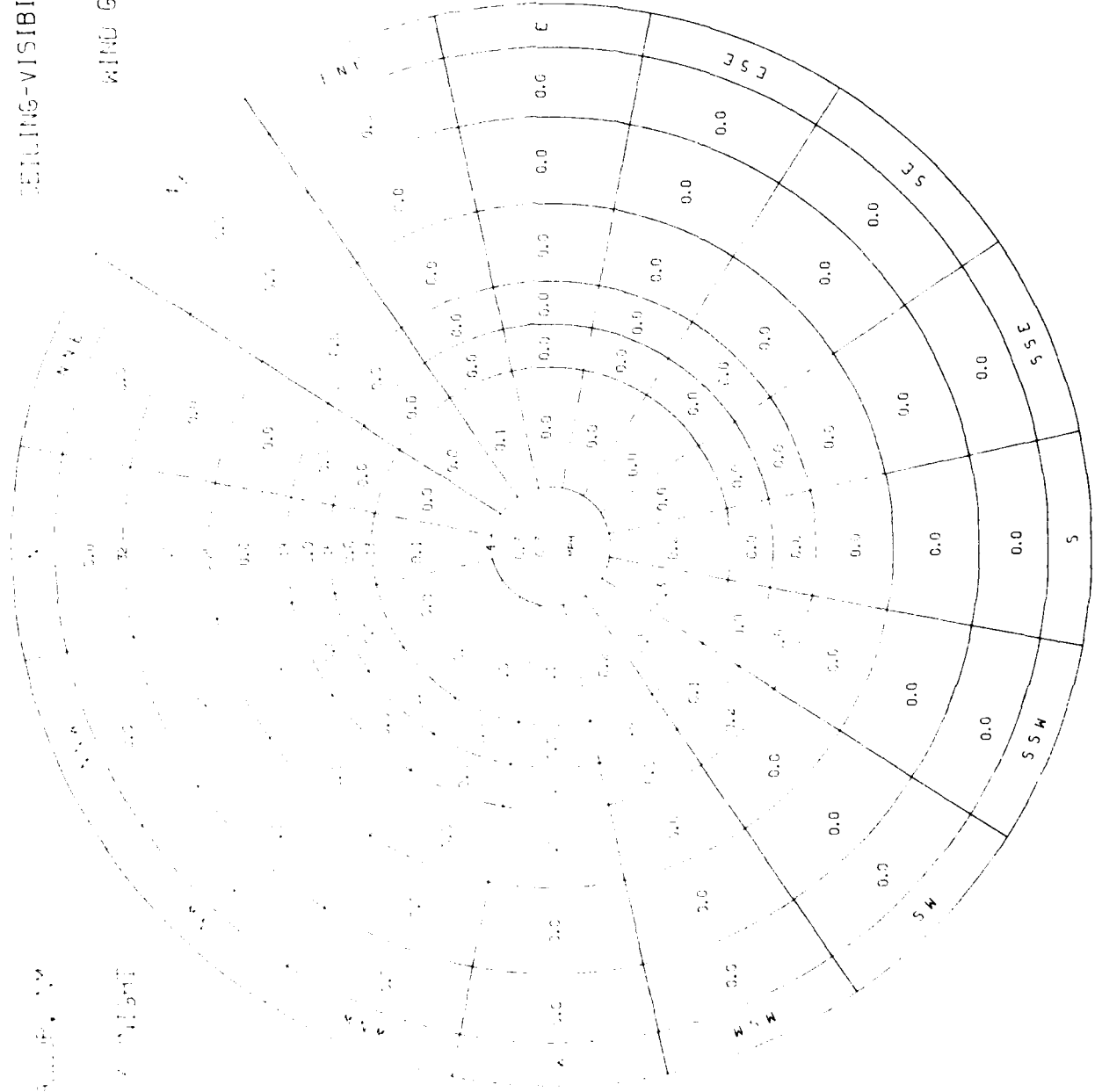
NO. OBS.: 263

STATION NUMBER: 23081

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															A	B	
N	.0	.0	.1	3.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	4.2	9.2
NNE	.0	.0	.0	1.5	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	1.9	10.4
NNE	.0	.0	.1	1.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	9.7
ENE	.0	.0	.1	4.6	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	4.9	10.2
E	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
ESE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.0
SE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
SSE	.0	.0	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.8	15.0
S	.0	.0	.1	3.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.1	4.2	10.3
SSW	.0	.0	.2	7.2	.1	1.9	.0	.8	.0	.4	.0	.0	.0	.0	.3	10.3	11.2
SW	.0	.4	.2	8.4	.1	3.8	.1	5.3	.1	2.3	.0	.8	.0	.0	.6	20.9	14.3
WSW	.0	.0	.3	9.1	.1	3.8	.1	4.2	.1	2.7	.0	1.5	.0	.0	.6	21.3	14.3
W	.0	.0	.1	4.9	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.2	6.5	10.3
WNW	.0	.0	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.8	15.0
NW	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	17.0
NNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	1.5	14.0
CALM	.5	17.1							.2	6.1			.1	2.3			
TOTAL	.5	17.5	1.4	48.7	.3	11.0	.4	14.4							2.8	100	10.3

WINDING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: JAF SAGUAP, NM

PERIOD: 1973-1978

CLASS 3 / NIGHT

STATION NUMBER: 23081

NO. OBS.: 233

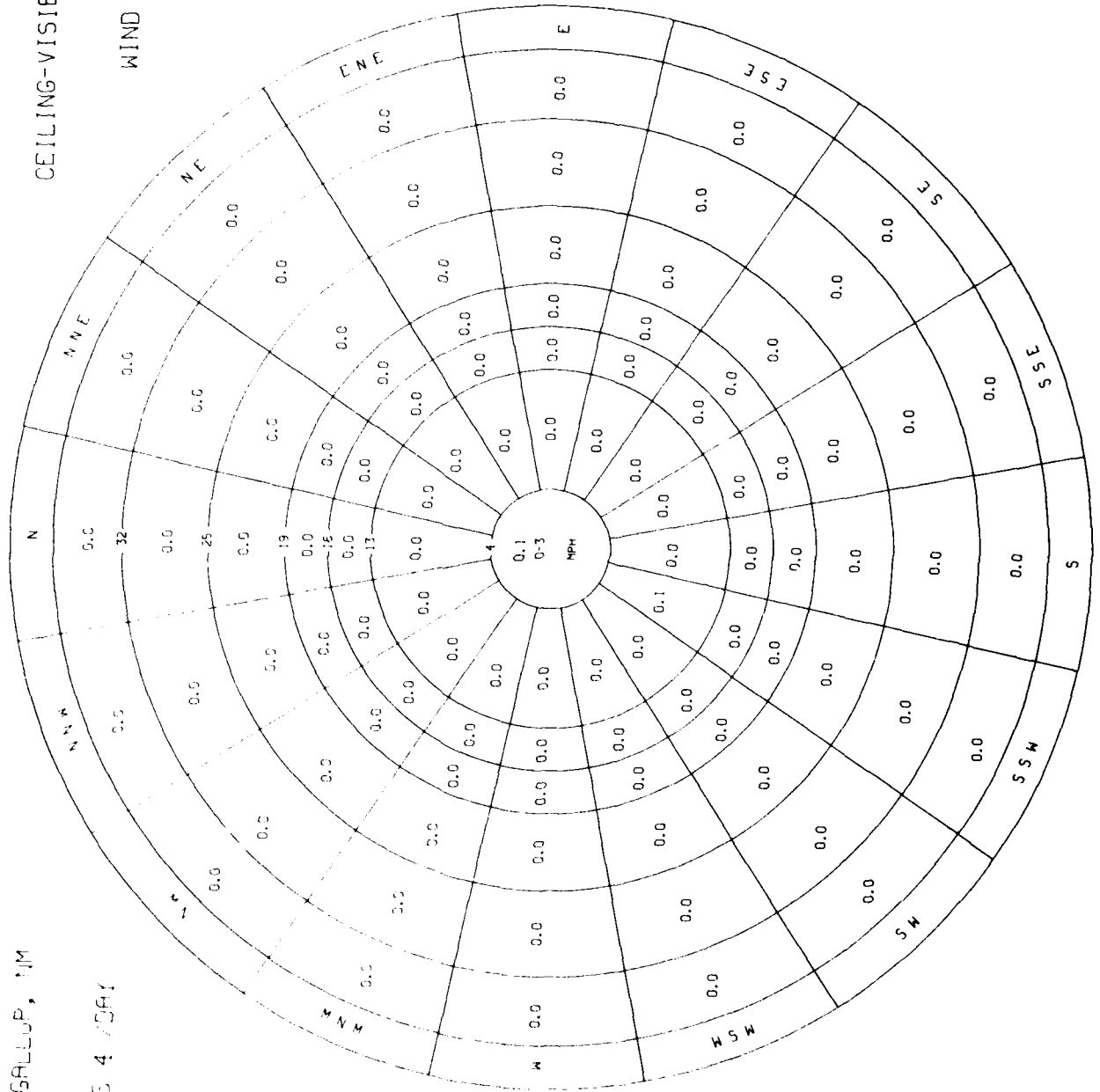
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.0	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	7.8
NNE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.5
NE	.0	.0	.0	.9	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	2.1	11.4
ENE	.0	.0	.1	3.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	9.0
E	.0	.0	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	9.0
ESE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	9.0
S	.0	.0	.2	6.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.9	7.2
SSW	.0	.0	.3	11.2	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.4	13.7	10.1
SW	.0	.0	.5	16.7	.1	3.9	.2	5.6	.0	1.3	.0	.4	.0	.0	.0	.8	27.9	12.1
WSW	.0	.4	.2	6.0	.0	1.7	.0	1.7	.0	.4	.0	.0	.0	.0	.0	.3	10.3	11.3
W	.0	.0	.1	3.4	.0	.0	.0	.4	.0	.9	.0	.0	.0	.0	.0	.1	4.7	10.9
WNW	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	17.0
NW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0
NNW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.0
CALM	.6	22.3														.6	22.3	
TOTAL	.7	22.7	1.6	54.9	.3	9.0	.3	10.3	.1	2.6	.0	.4	.0	.0	.0	.2	9.1	8.2

30P GALLUP, NM

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 4 / DAY

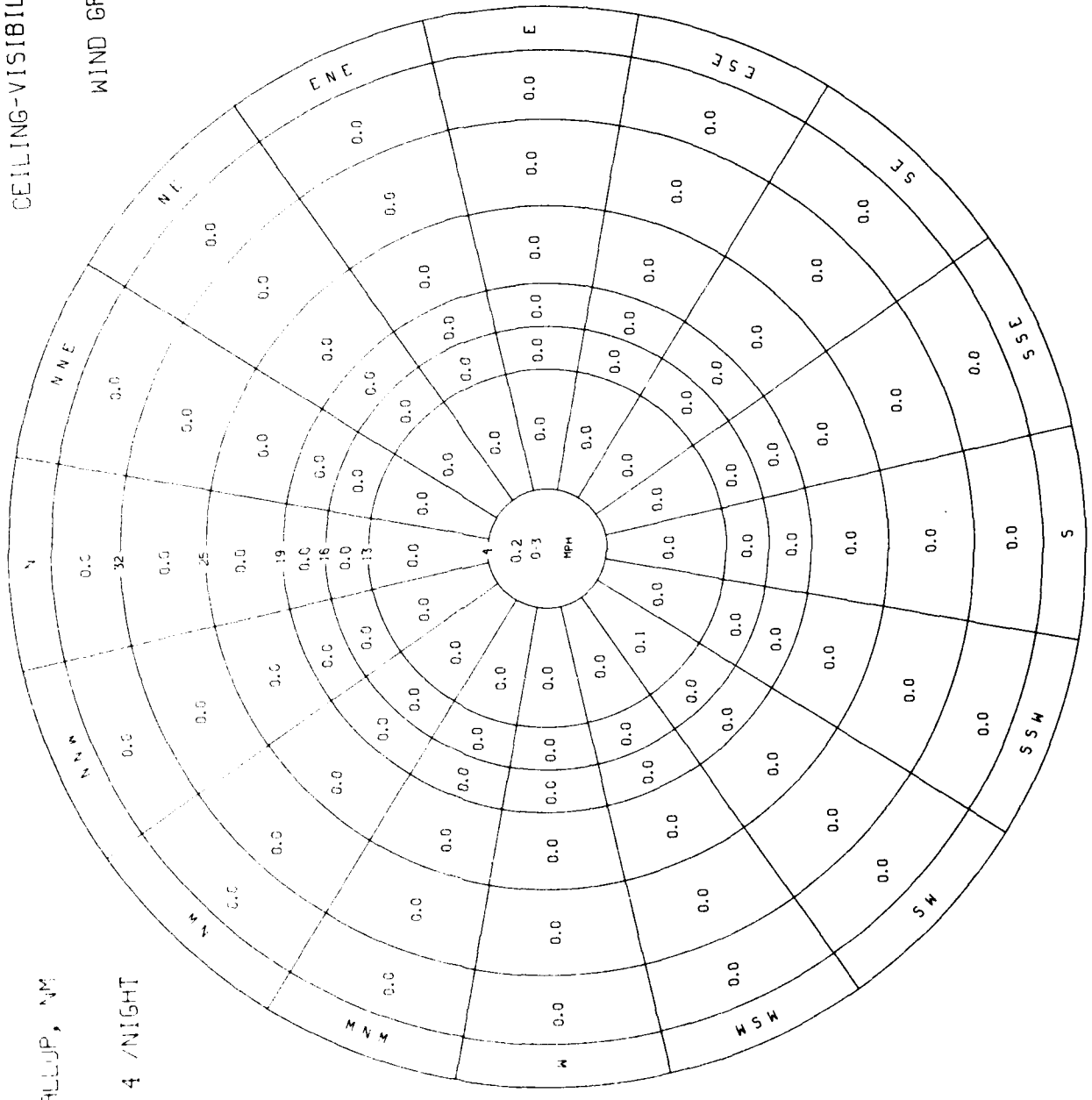
NO. OBS.: 45

STATION NUMBER: 23081

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.7
NNE	.0	.0	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	9.5
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	4.4	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	6.7	11.0
E	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.1	13.3	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.1	15.6	9.7
SW	.0	.0	.0	2.2	.0	8.9	.0	4.4	.0	4.4	.0	.0	.0	.0	.1	20.0	15.8
WSW	.0	.0	.0	4.4	.0	2.2	.0	6.7	.0	2.2	.0	.0	.0	.0	.1	15.6	15.2
W	.0	2.2	.0	.0	.0	.0	.0	8.9	.0	.0	.0	.0	.0	.0	.1	11.1	14.2
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.5
NNW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	12.0
CALM	.1	11.1			.1	13.3	.1	24.4	.0	6.7	.0	.0	.0	.0	.1	11.1	
TOTAL	.1	13.3	.2	42.2	.1	13.3	.1	24.4	.0	6.7	.0	.0	.0	.0	.5	100	11.0

CEILING-VISIBILITY

WIND GRAPH



GUP GALLUP, NM

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 4 / NIGHT

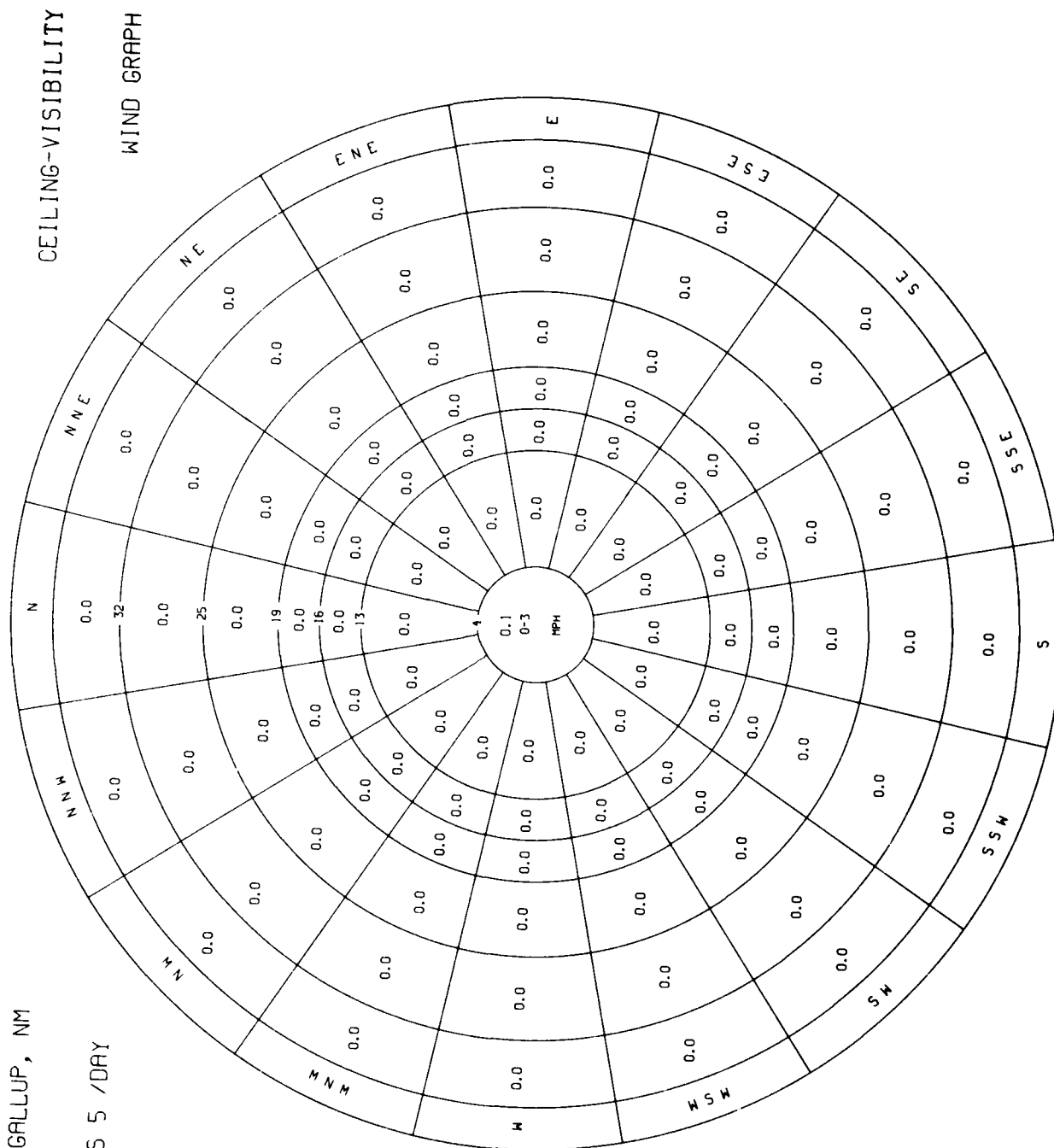
NO. OBS.: 49

STATION NUMBER: 23081

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	
NE	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	
ENE	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	
SSW	.0	.0	.0	6.1	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	6.1	
SW	.0	.0	.1	20.4	.0	2.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	28.6	
WSW	.0	.0	.0	6.1	.0	2.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	6.1	
W	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	
CALM	.2	26.5													.2	26.5	
TOTAL	.3	57.1			.0	4.1	.1	12.2	.0	.0	.0	.0	.0	.0	.6	100	
																7.6	

GUP GALLUP, NM

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GUP GALLUP, NM

PERIOD: 1973-1978

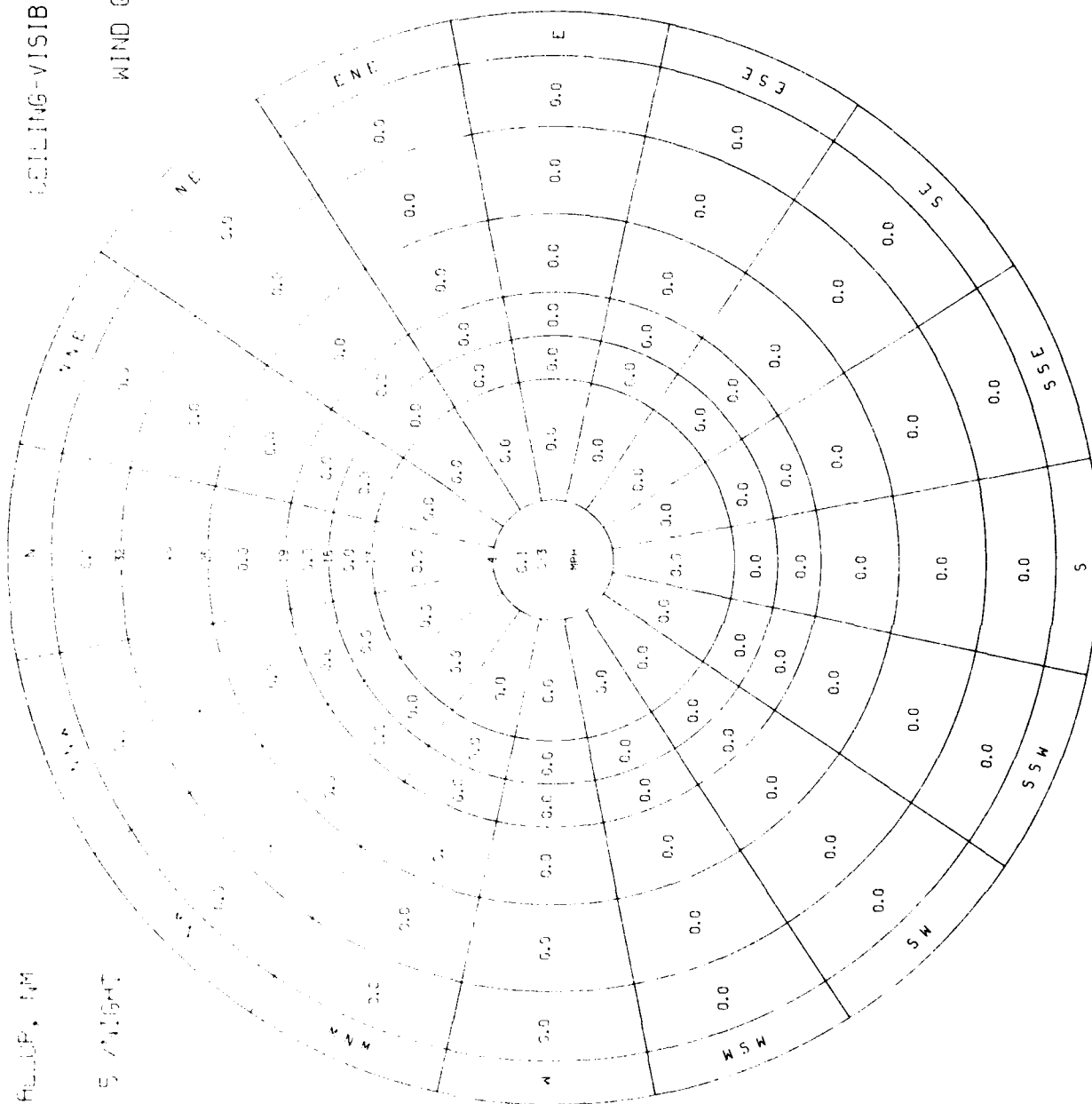
CLASS 5 / DAY

STATION NUMBER: 23081

NO. OBS.: 25

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	4.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SSW	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0	.0	8.0
SW	.0	.0	.0	8.0	.0	4.0	.0	.0	.0	4.0	.0	.0	.0	.0	16.0
WSW	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	13.0
W	.0	.0	.0	4.0	.0	4.0	.0	.0	.0	4.0	.0	.0	.0	.0	12.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	32.0													32.0
TOTAL	.1	32.0	.1	40.0	.0	12.0	.0	.0	.0	8.0	.0	4.0	.0	4.0	9.3

CEILING-VISIBILITY WIND GRAPH



GUP GROUP, NM
CLASS 5 NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 5 / NIGHT

NO. OBS.: 15

STATION NUMBER: 23091

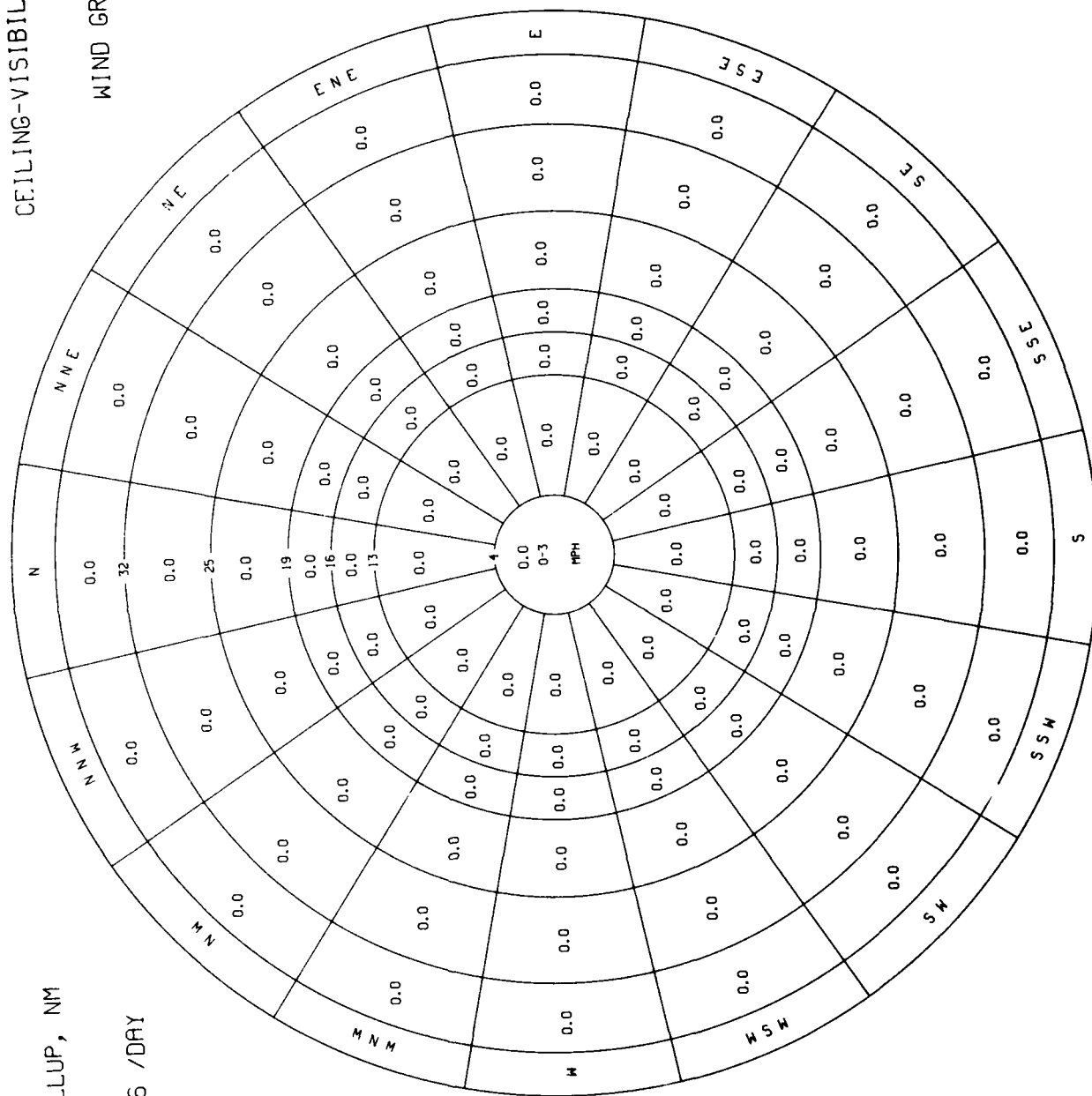
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	6.7	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3
NE	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	6.7	.0	6.7	.0	.0	.0	6.7	.0	.0	.0	.0	20.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	53.3													53.3
TOTAL	.1	60.0	.0	26.7	.0	6.7	.0	.0	.0	6.7	.0	.0	.0	.0	210.0
															4.7

CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 6 / DAY

NO. OBS.: 10

STATION NUMBER: 23081

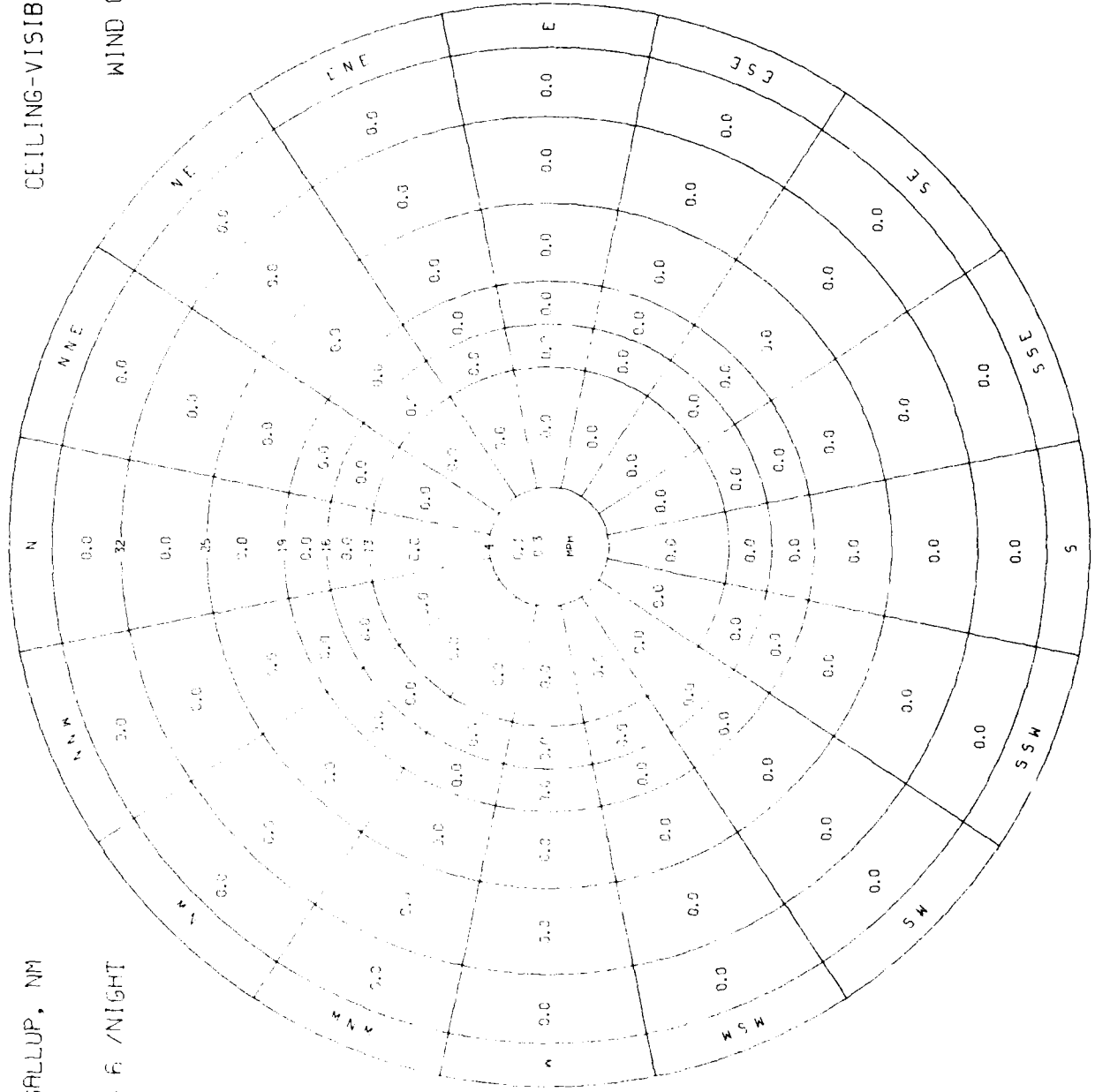
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NNE	.0	.0	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	10.0	14.0		
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SSE	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	5.0		
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SSW	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	12.0		
SW	.0	.0	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	10.0	14.0		
WSW	.0	.0	.0	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	20.0	20.0		
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0	23.0		
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0	.0		
CALM	.0	20.0												.0	20.0		
TOTAL	.0	20.0	.0	20.0	.0	20.0	.0	10.0	.0	30.0	.0	.0	.0	.1	100		
															13.1		

GUP GALLUP, NM

CLASS A / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GUP GALLUP, NM

PERIOD: 1973-1978

CLASS 6 / NIGHT

STATION NUMBER: 23081

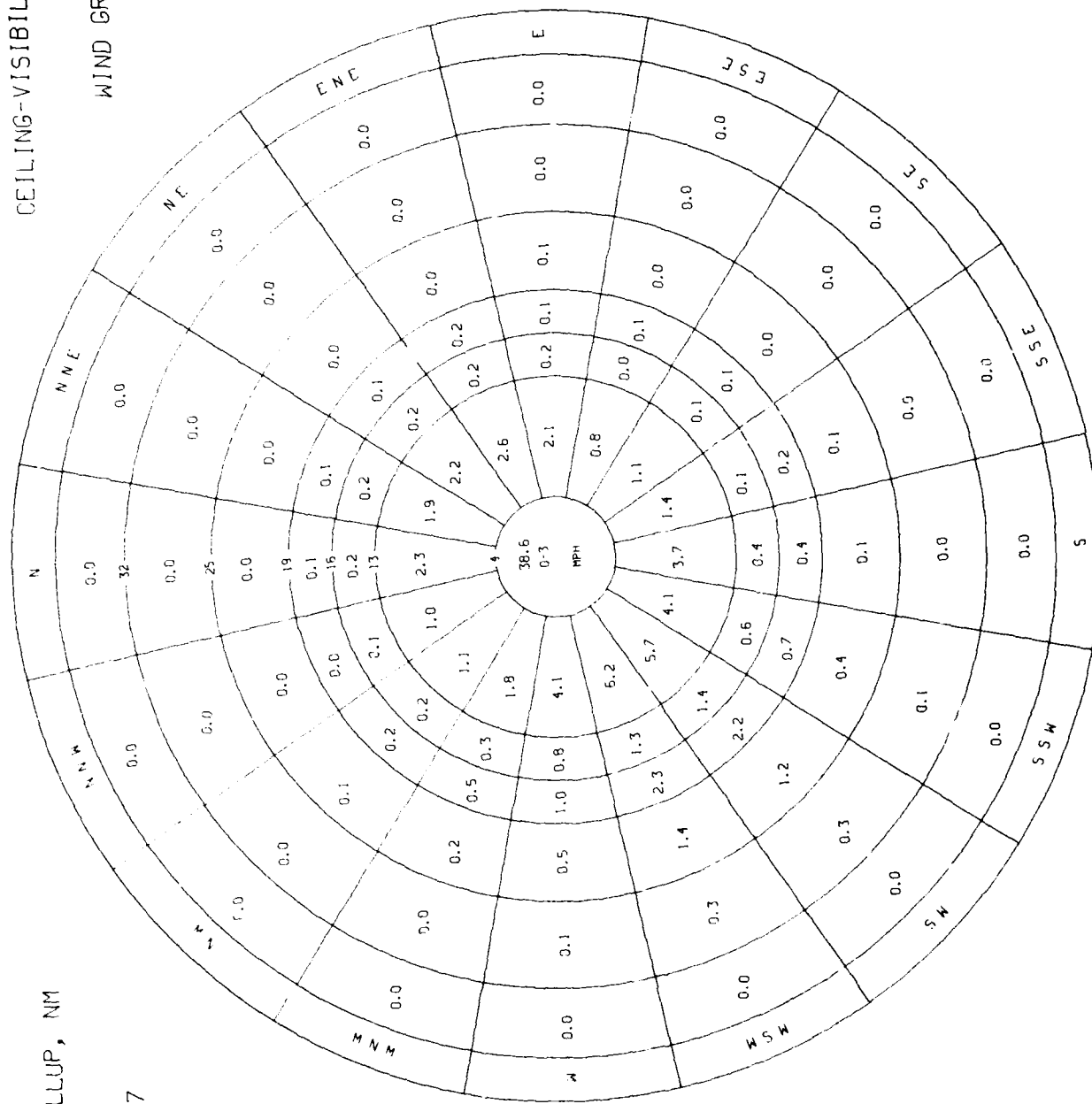
NO. OBS.: 17

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8
ESE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
SE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
SSE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
S	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	52.9													.1 52.9
TOTAL	.1	52.9	.1	47.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 100
															3.0

WIND GRAPH

GUP GALLUP, NM

CLASS 7



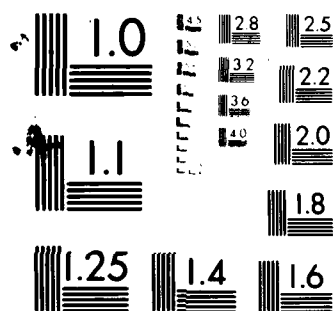
F/G 4/2

DOT-FA79WAI-057

NL

4

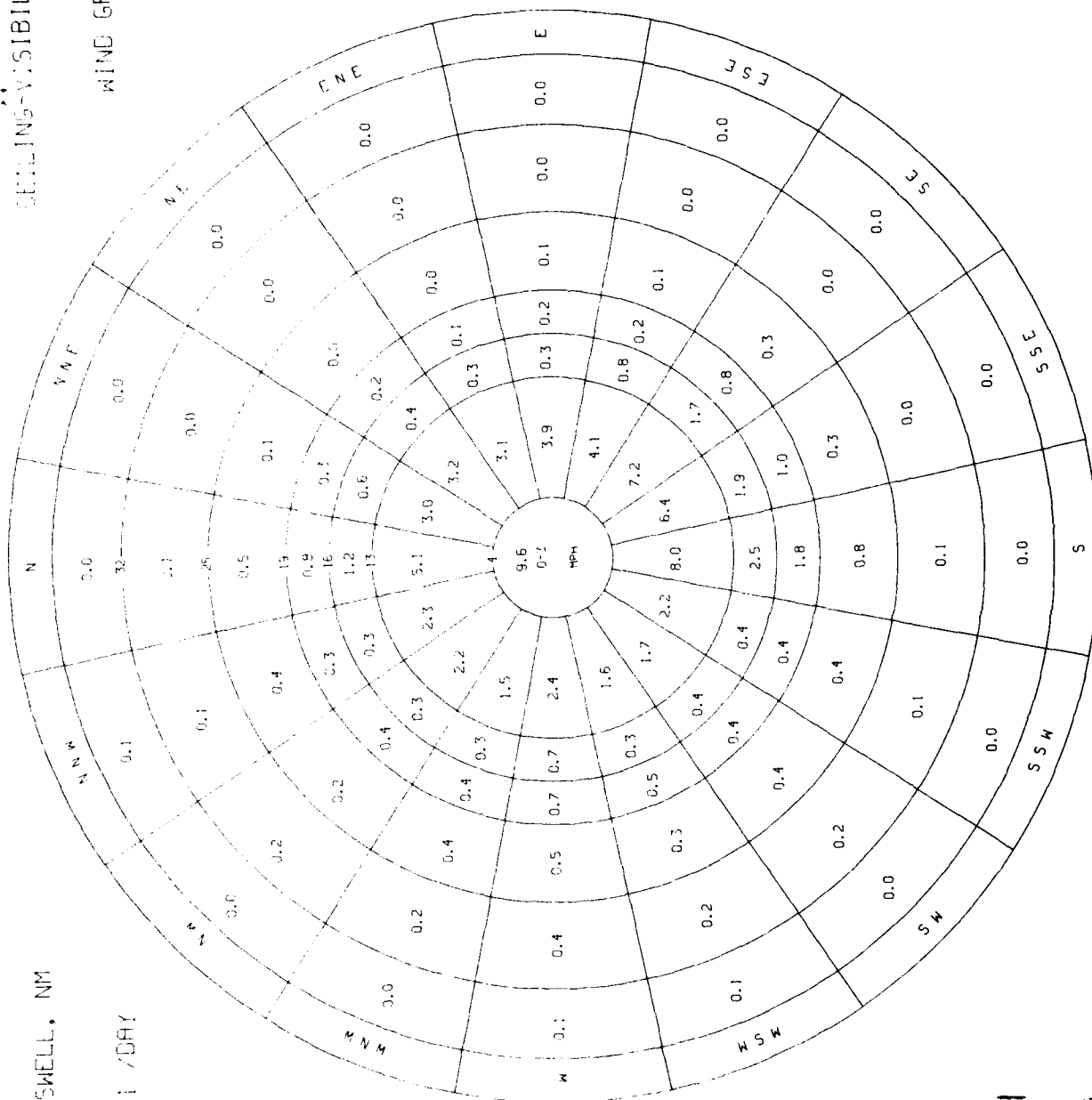
4. 100 200 300



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY

WIND GRAPH



PRECEDING PAGE BLANK-NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW RUSWELL, NM

CLASS 1 / DAY

NO. OBS.: 9031

STATION NUMBER: 23009

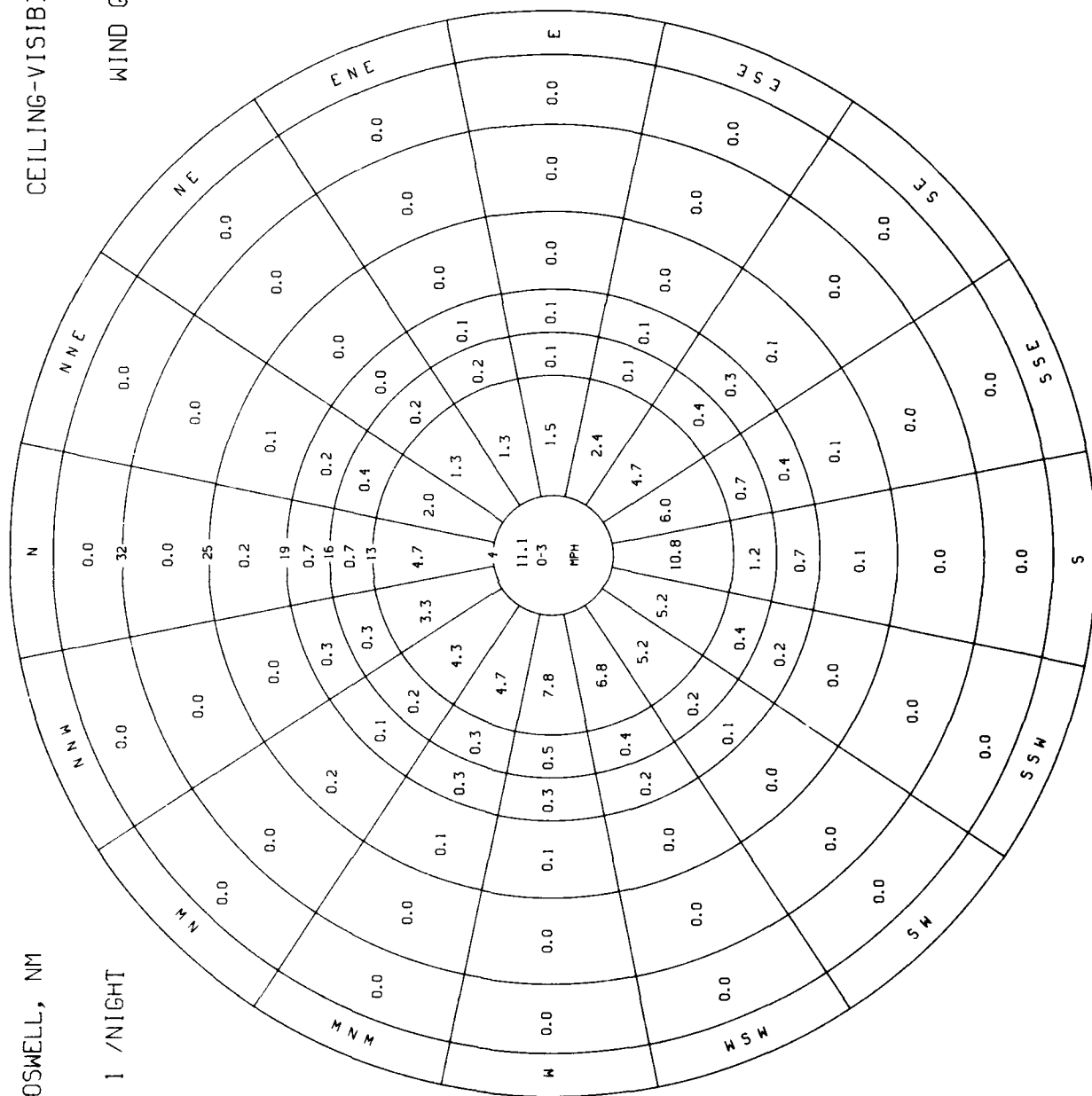
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.4	.4	5.1	5.4	1.2	1.3	.8	.8	.5	.5	.1	.1	.0	.0	8.1	8.5	10.3
NNE	.2	.2	3.0	3.1	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	4.1	4.3	9.4
NE	.2	.2	3.2	3.4	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	4.1	4.3	8.5
ENE	.2	.3	3.1	3.3	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.7	3.9	7.9
E	.4	.4	3.9	4.1	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	4.7	5.0	8.0
ESE	.2	.3	4.1	4.4	.8	.9	.2	.2	.1	.1	.0	.0	.0	.0	5.5	5.8	9.1
SE	.3	.3	7.2	7.6	1.7	1.7	.8	.8	.3	.3	.0	.0	.0	.0	10.2	10.8	10.1
SSE	.3	.3	6.4	6.8	1.9	2.0	1.0	1.1	.3	.3	.0	.0	.0	.0	9.9	10.4	10.7
S	.3	.3	8.0	8.4	2.5	2.6	1.8	1.8	.8	.9	.1	.1	.0	.0	13.5	14.2	11.5
SSW	.2	.2	2.2	2.3	.4	.4	.4	.4	.4	.5	.1	.1	.0	.0	3.7	3.9	11.8
SW	.1	.1	1.7	1.7	.4	.4	.4	.4	.4	.4	.2	.2	.0	.0	3.1	3.3	12.3
WSW	.1	.1	1.6	1.7	.3	.4	.5	.6	.3	.4	.2	.2	.1	.1	3.3	3.4	13.3
W	.3	.3	2.4	2.6	.7	.8	.7	.8	.5	.5	.4	.4	.1	.1	5.1	5.4	12.6
WNW	.1	.1	1.5	1.6	.3	.4	.4	.4	.4	.4	.2	.2	.0	.0	2.9	3.1	12.5
NW	.2	.2	2.2	2.3	.3	.3	.4	.4	.2	.2	.2	.2	.0	.0	3.5	3.7	11.1
NNW	.1	.2	2.3	2.4	.3	.4	.3	.4	.4	.4	.1	.1	.1	.1	3.7	3.9	11.5
CALM	5.8	6.1													5.8	6.1	
TOTAL	9.6	10.1	58.0	61.0	12.4	13.0	8.3	8.8	4.7	5.0	1.6	1.7	.4	.4	95.1	100	10.0

ROW ROSWELL, NM

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

CLASS 1 / NIGHT

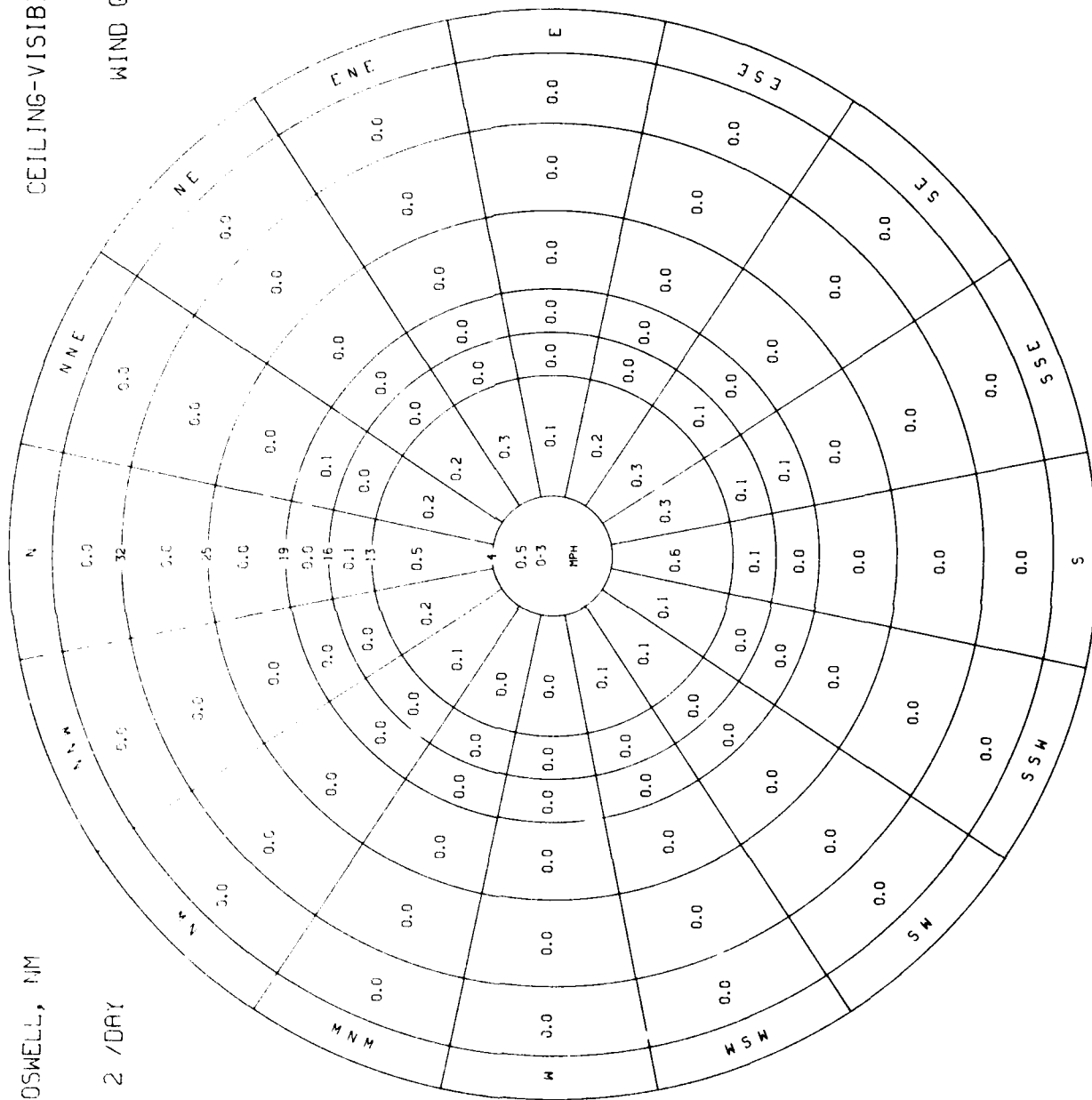
NO. OBS.: 7627

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.2	.2	4.7	4.9	.7	.8	.7	.7	.2	.2	.0	.0	.0	.0	6.6	6.9	9.9
NNE	.1	.1	2.0	2.1	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.8	2.9	10.2
NE	.1	.1	1.3	1.3	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.6	1.7	8.4
ENE	.1	.1	1.3	1.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.7	1.8	8.3
E	.1	.1	1.5	1.6	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.0	8.6
ESE	.1	.1	2.4	2.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.0	8.1
SE	.1	.1	4.7	5.0	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	5.6	5.9	8.9
SSE	.1	.1	6.0	6.3	.7	.7	.4	.4	.1	.1	.0	.0	.0	.0	7.2	7.6	9.1
S	.3	.3	10.8	11.4	1.2	1.2	.7	.7	.1	.1	.0	.0	.0	.0	13.1	13.8	8.9
SSW	.2	.2	5.2	5.5	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	6.0	6.3	8.4
SW	.2	.2	5.2	5.5	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	5.8	6.1	8.2
WSW	.3	.3	6.8	7.1	.4	.4	.2	.2	.0	.1	.0	.0	.0	.0	7.7	8.1	7.9
W	.2	.2	7.8	8.2	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	8.9	9.4	8.2
WNW	.1	.2	4.7	5.0	.3	.4	.3	.3	.1	.1	.0	.0	.0	.0	5.6	5.9	8.5
NW	.1	.1	4.3	4.5	.2	.2	.1	.1	.2	.2	.0	.0	.0	.0	5.0	5.3	8.3
NNW	.1	.1	3.3	3.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	4.0	4.2	8.9
CALM	8.7	9.2													8.7	9.2	
TOTAL	11.1	11.7	72.0	75.8	6.4	6.7	4.1	4.4	1.2	1.2	.2	.2	.0	.1	95.0	100	7.9

CEILING-VISIBILITY WIND GRAPH

ROW ROSWELL, NM
CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

CLASS 2 / DAY

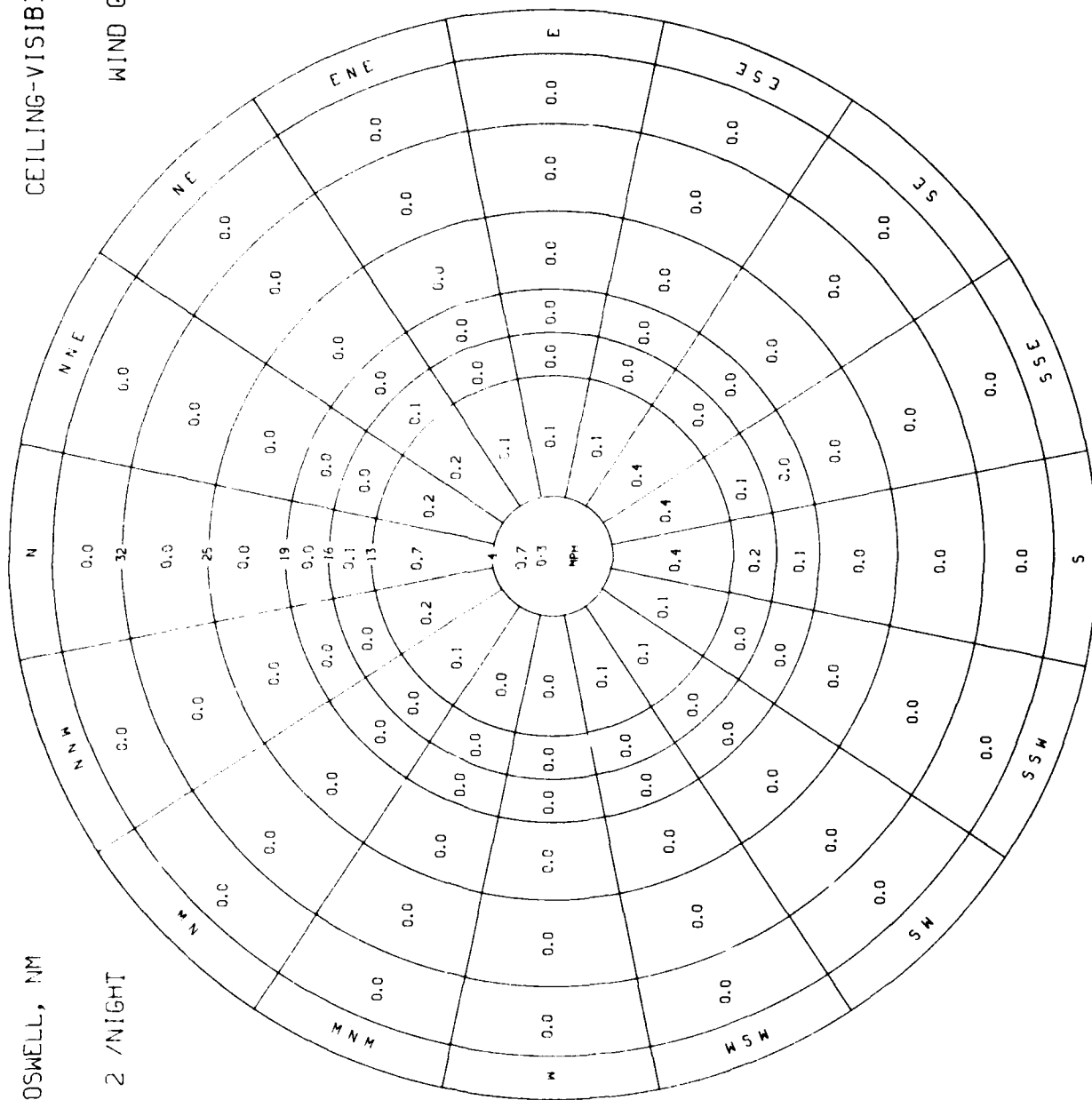
STATION NUMBER: 23009

NO. OBS.: 470

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.1	1.1	.5	10.4	.1	2.6	.0	.9	.0	.6	.0	.2	.0	.2	.8	16.0	10.7
NNE	.0	.2	.2	4.5	.0	.6	.1	1.3	.0	.0	.0	.0	.0	.0	.3	6.6	10.5
NE	.0	.0	.2	3.6	.0	.6	.0	.4	.0	.9	.0	.0	.0	.0	.3	5.5	11.4
ENE	.0	.4	.3	5.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.3	6.0	8.0
E	.0	.0	.1	2.8	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.2	3.4	9.6
ESE	.0	.4	.2	4.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.3	9.5
SE	.0	.4	.3	7.0	.1	1.3	.0	.9	.0	.2	.0	.0	.0	.0	.5	9.8	9.3
SSE	.0	.2	.3	6.8	.1	2.3	.1	1.1	.0	.2	.0	.0	.0	.0	.5	10.6	11.0
S	.0	.4	.6	12.8	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.8	15.7	9.4
SSW	.0	.2	.1	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	7.5
SW	.0	.2	.1	1.3	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.1	1.9	9.8
WSW	.0	.2	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	3.0	11.7
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0
NW	.0	.0	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	8.4
NNW	.0	.2	.2	3.6	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.2	4.9	9.2
CALM	.3	6.8													.3	6.8	
TOTAL	.5	11.1	3.4	67.9	.6	12.1	.3	5.5	.1	2.1	.0	.4	.0	.9	4.9	100	9.2

CEILING-VISIBILITY
WIND GRAPH

ROW ROSWELL, NM
CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

CLASS 2 / NIGHT

NO. OBS.: 399

STATION NUMBER: 23009

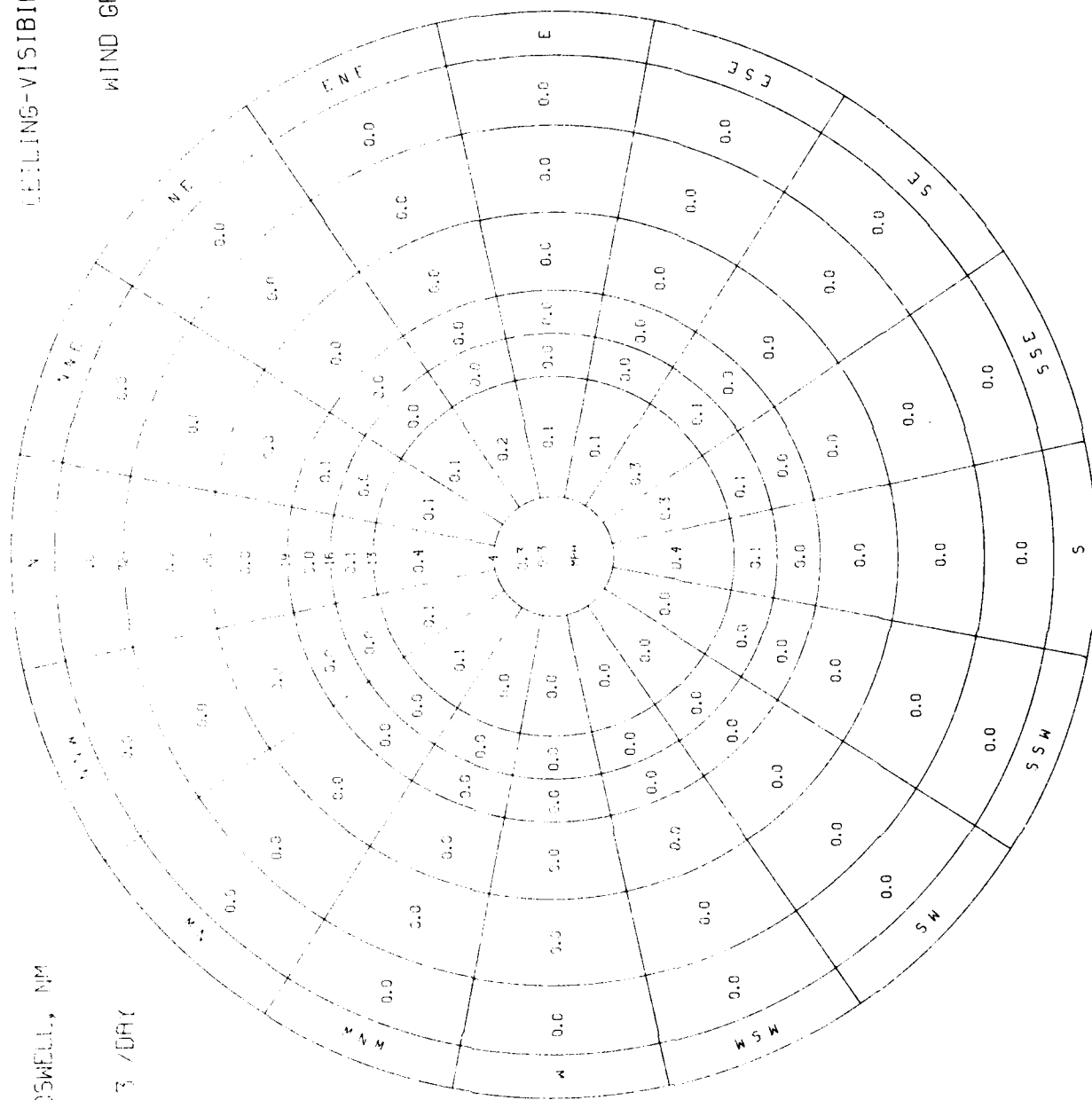
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.0	.7	13.3	.1	3.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.8	17.0	10.1
NNE	.0	.0	.2	4.0	.0	.8	.0	.8	.0	.3	.0	.0	.0	.0	.0	.3	5.8	10.1
NNE	.0	.3	.2	3.5	.1	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	5.3	10.2
ENE	.0	.0	.1	2.0	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.1	2.8	10.4
E	.0	.0	.1	3.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	4.0	9.9
ESE	.0	.0	.1	2.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	7.4
SE	.0	.3	.4	8.5	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	10.0	8.8
SSE	.0	.5	.4	8.0	.1	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	10.3	8.7
S	.0	.0	.4	7.8	.2	4.3	.1	1.3	.0	.3	.0	.0	.0	.0	.0	.7	13.5	11.0
SSW	.0	.3	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	7.7
SW	.0	.0	.1	2.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	6.9
WSW	.0	.0	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	6.0
W	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	5.2
WNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.0
NW	.0	.0	.1	2.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	2.3	7.4
NNW	.0	.3	.2	3.8	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	4.8	8.7
CALM	.6	12.5														.6	12.5	
TOTAL	.7	14.5	3.3	66.4	.7	13.3	.2	5.0	.0	.8	.0	.0	.0	.0	.0	.5	100	8.2

CEILING-VISIBILITY

WIND GRAPH

ROW ROSWELL, NM

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

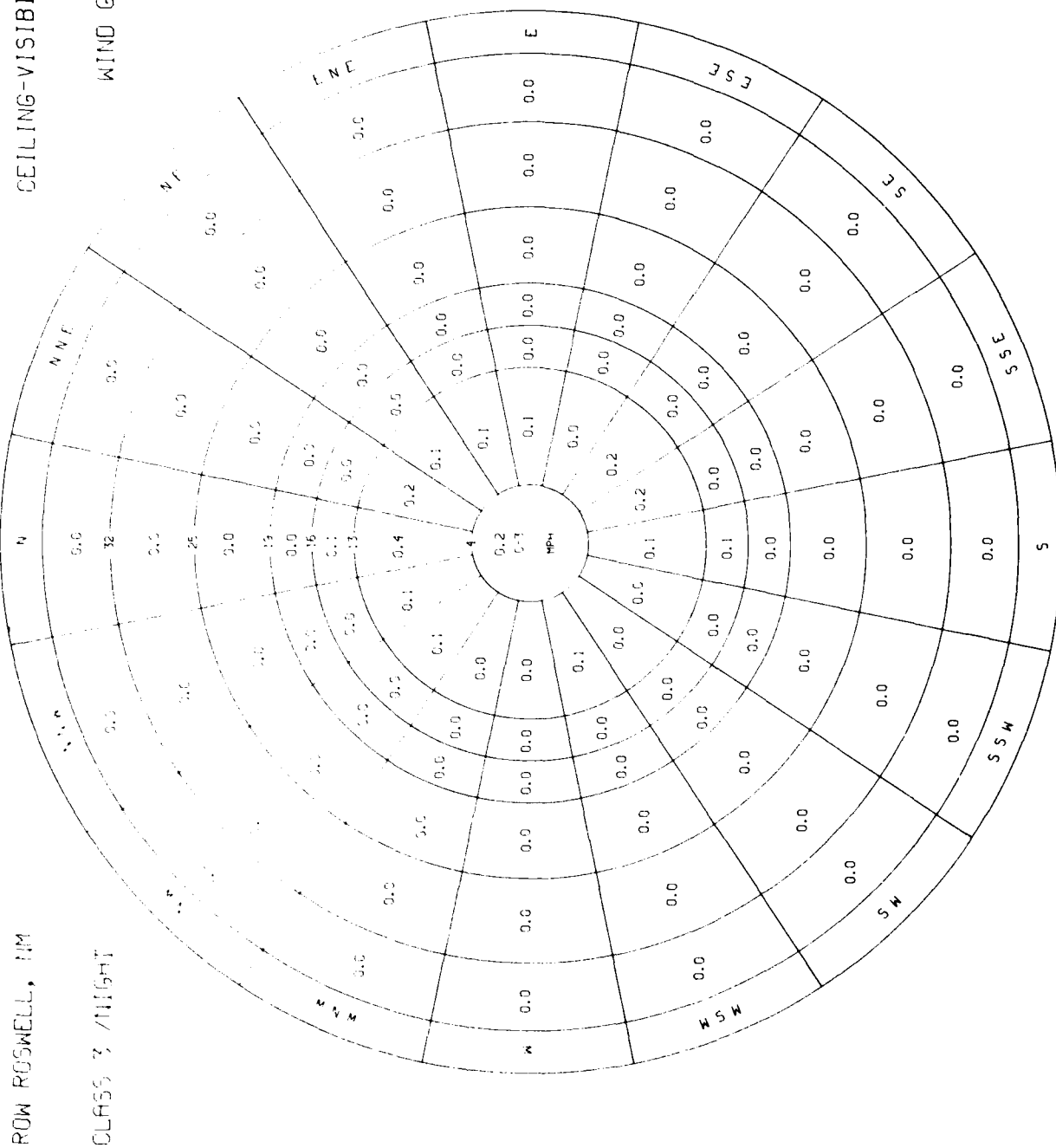
CLASS 3 / DAY

NO. OBS.: 330

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.1	1.5	.4	11.2	.1	3.3	.0	.9	.0	.9	.0	.3	.0	.0	.6	18.2	10.6
NNE	.0	.3	.1	4.2	.0	.9	.1	1.5	.0	.0	.0	.0	.0	.0	.2	7.0	10.7
NE	.0	.0	.1	3.9	.0	.9	.0	.6	.0	.9	.0	.0	.0	.0	.2	6.4	11.7
ENE	.0	.3	.2	5.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.2	6.4	8.3
E	.0	.0	.1	2.7	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.1	3.6	10.2
ESE	.0	.6	.1	3.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.8	9.4
SE	.0	.0	.3	8.5	.1	1.8	.0	.6	.0	.0	.0	.0	.0	.0	.4	10.9	9.2
SSE	.0	.3	.3	7.6	.1	1.8	.0	.3	.0	.0	.0	.0	.0	.0	.3	10.0	10.2
S	.0	.0	.4	11.2	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.5	13.0	9.7
SSW	.0	.3	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	8.0
SW	.0	.3	.0	.3	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	1.2	14.0
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.1	2.1	17.9
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0
NW	.0	.0	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	9.0
NNW	.0	.3	.1	3.9	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.2	5.2	9.0
CALM	.2	5.8												.0	.9	3.5	100
TOTAL	.3	10.0	2.4	67.9	.5	13.0	.2	5.5	.1	2.1	.0	.6	.0	.9	3.5	100	9.6

CEILING-VISIBILITY WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

CLASS 3 / NIGHT

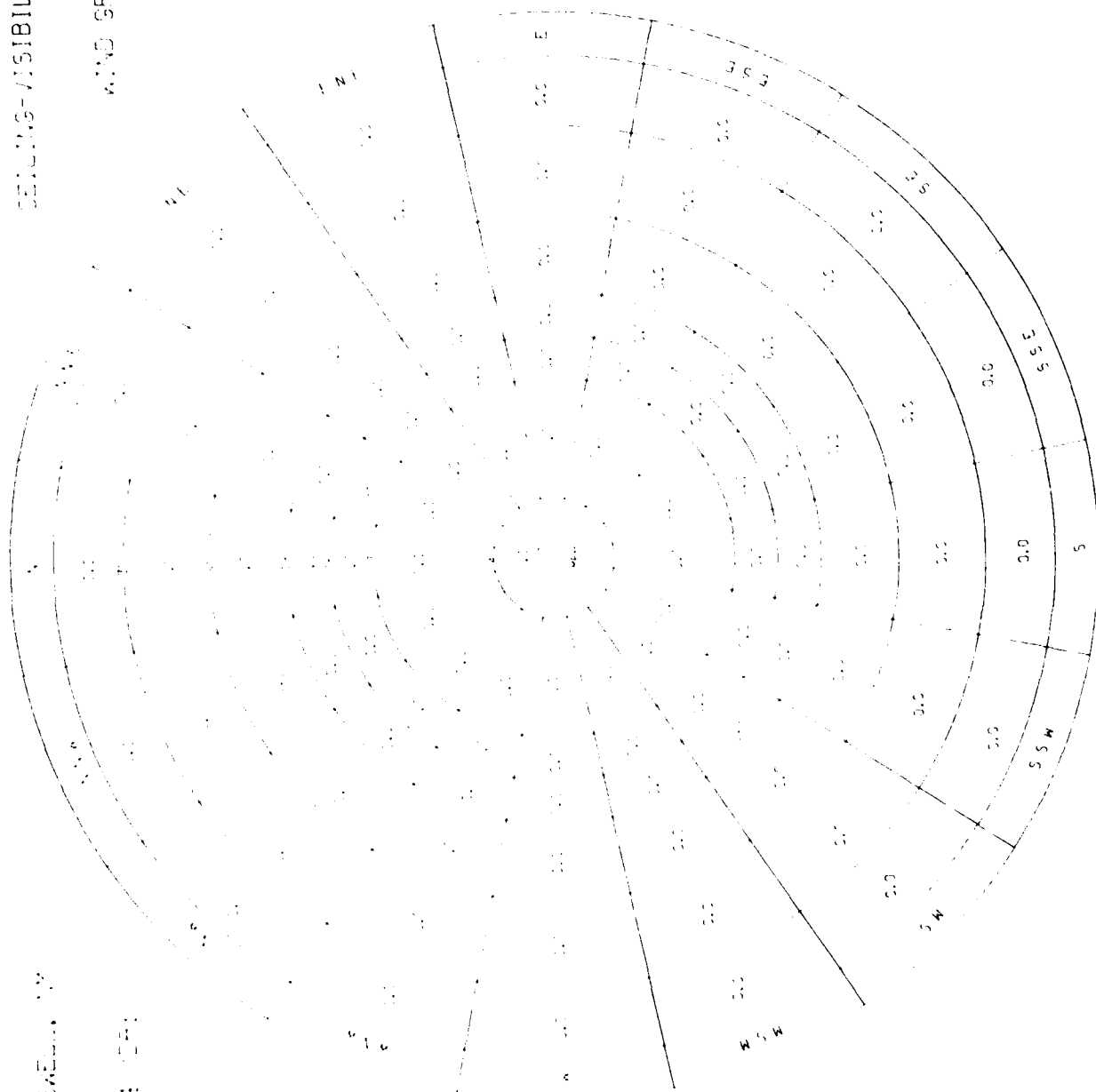
NO. OBS.: 207

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.4	16.4	.1	5.3	.0	1.4	.0	.0	.0	.0	.0	.0	.6	23.2	10.8
NNE	.0	.0	.2	6.3	.0	1.4	.0	1.0	.0	.5	.0	.0	.0	.0	.2	9.2	10.1
NE	.0	.0	.1	5.3	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.2	7.7	10.7
ENE	.0	.0	.1	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	8.3
E	.0	.0	.1	2.9	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.1	4.8	11.9
ESE	.0	.0	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	9.0
SE	.0	.5	.2	8.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	10.1	8.6
SSE	.0	.0	.2	6.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.7	8.8
S	.0	.0	.1	4.3	.1	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.2	7.2	11.0
SSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	10.3
SW	.0	.0	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.3
WSW	.0	.0	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	5.4
W	.0	.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	5.6
WNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
NW	.0	.0	.1	2.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	3.4	8.1
NNW	.0	.0	.1	3.4	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.1	4.3	9.2
CALM	.2	7.7							.1	5.3	.0	.5	.0	.0	.2	7.7	
TOTAL	.2	8.7	1.8	69.1	.4	16.4	.1	5.3	.0	.5	.0	.0	.0	.0	2.6	100	8.9

CEILING-VISIBILITY

WIND GRAPH



POW POINT, NY

CLASS 4 (C)

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ROW ROSWELL, NM

PERIOD: 1973-1978

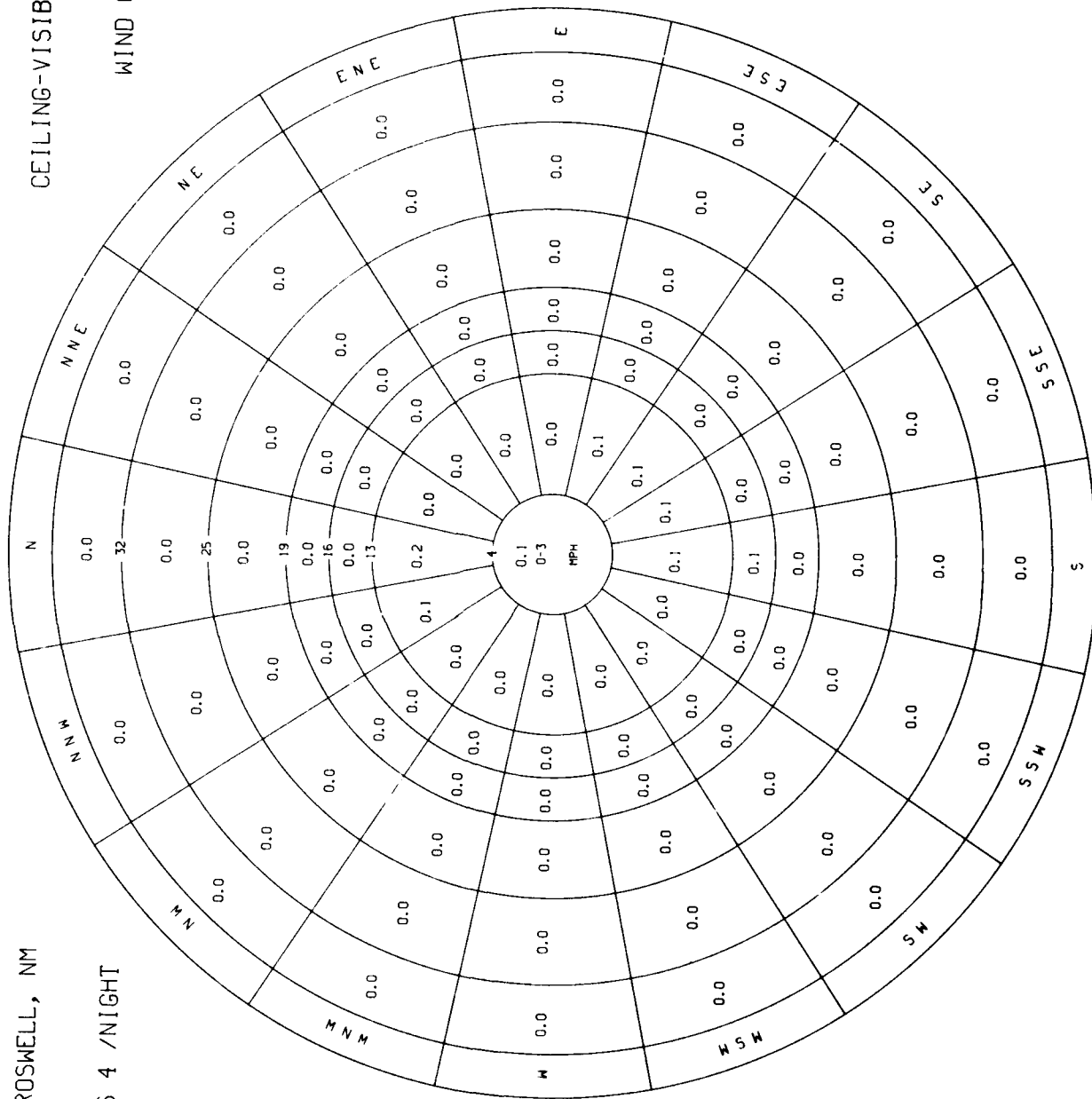
CLASS 4 / DAY

STATION NUMBER: 23009

NO. OBS.: 74

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.1	12.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.5	9.1
NNE	.0	.0	.1	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.1	9.0
NE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.5
ENE	.0	1.4	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	7.2
E	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.5
ESE	.0	.0	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	9.8
SE	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	4.1	12.7
SSE	.0	.0	.0	5.4	.1	6.8	.0	2.7	.0	.0	.0	.0	.0	.0	.1	14.9	12.3
S	.0	1.4	.1	12.2	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	17.6	9.9
SSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	7.0
SW	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.0
NNW	.0	.0	.0	4.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	10.4
CALM	.0	2.7													.0	2.7	
TOTAL	.1	6.8	.6	74.3	.1	14.9	.0	2.7	.0	1.4	.0	.0	.0	.0	.8	100	9.2

ROW ROSWELL, NM
 CLASS 4 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ROW FIELD, NM

PERIOD: 1973-1978

CLASS 4 / 1100'

STATION NUMBER: 2349

NO. OBS.: 84

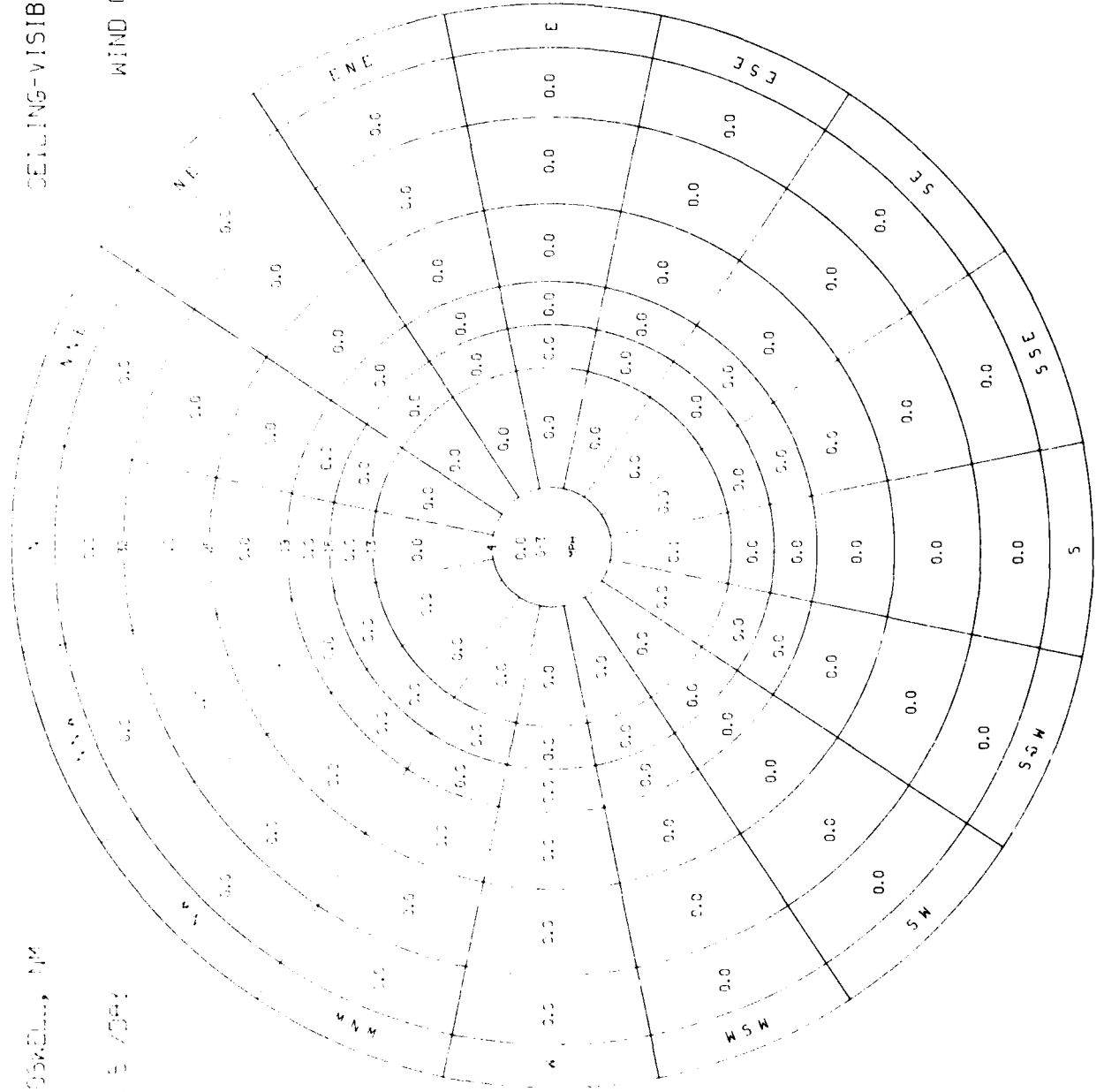
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.2	19.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 20.2
NNE	.0	.0	.0	2.4	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0 3.6
NE	.0	.0	.0	3.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.8
ENE	.0	.0	.0	3.6	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0 4.8
E	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
ESE	.0	.0	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.0
SE	.0	.0	.1	10.7	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.1 13.1
SSE	.0	1.2	.1	6.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.5
S	.0	.0	.1	9.5	.1	6.0	.0	2.4	.0	.0	.0	.0	.0	.0	.2 17.9
SSW	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
SW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NNW	.0	1.2	.1	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.3
CALM	.0	4.8													.0 4.8
TOTAL	.1	7.1	.8	75.0	.1	11.9	.1	6.0	.0	.0	.0	.0	.0	.0	1.0 100
															8.6

POW ROSSVELL, NM

CLASS E /3847

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: POW ROSWELL, NM

CLASS: / DAY

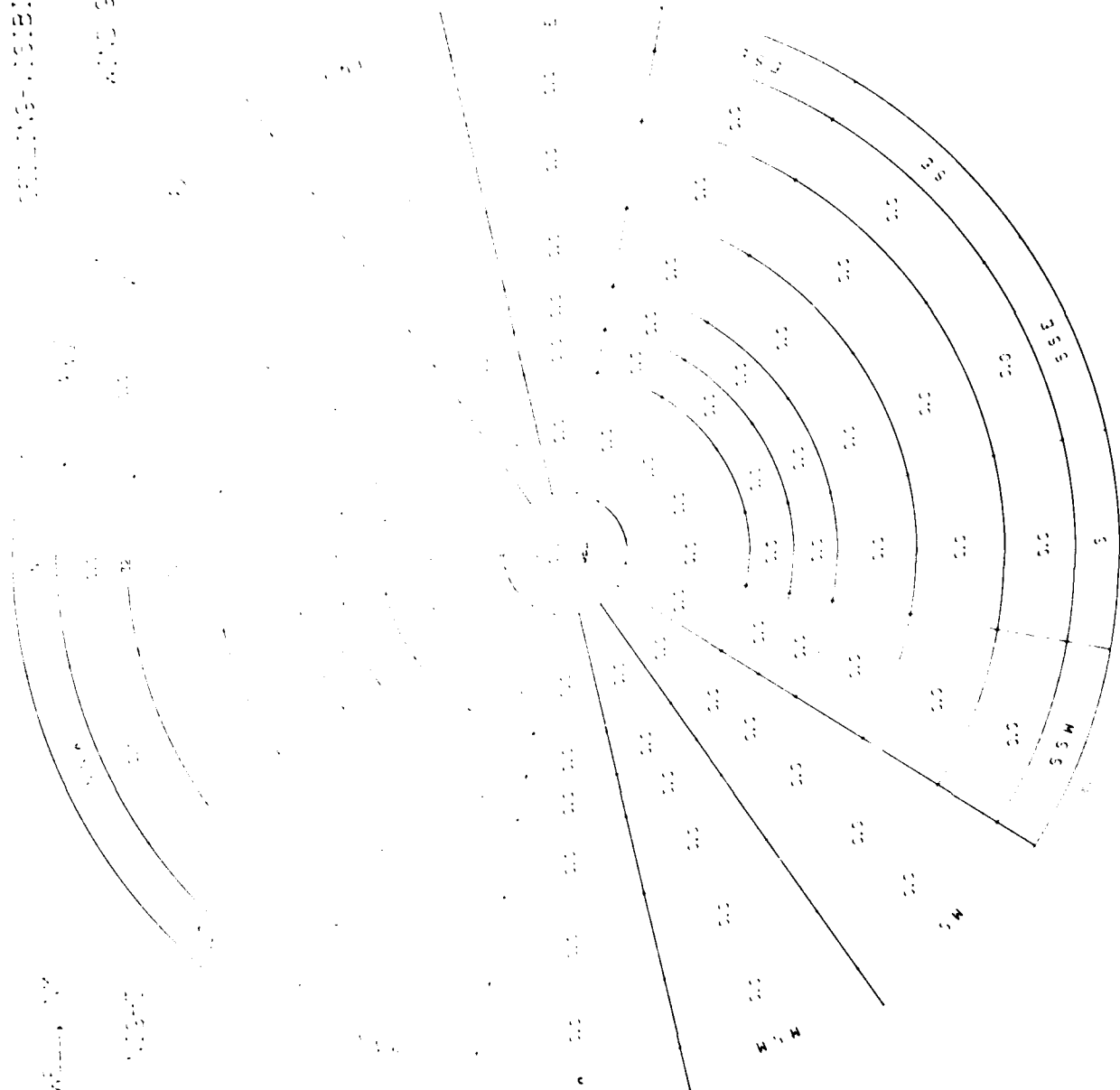
NO. OBS.: 21

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
NNE	.0	.0	.0	4.8	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	9.5
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
E	.0	.0	.0	9.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	4.8
SSE	.0	.0	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	4.8
S	.0	.0	.1	23.8	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.1	38.1
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	19.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	4.8													4.8
TOTAL	.0	4.8	.1	66.7	.0	14.3	.0	14.3	.0	.0	.0	.0	.0	.2	100
															9.7

WIND VELOCITY

WIND DIRECTION



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ROW POWELL, NM

PERIOD: 1973-1978

CLASS: 5 / NIGHT

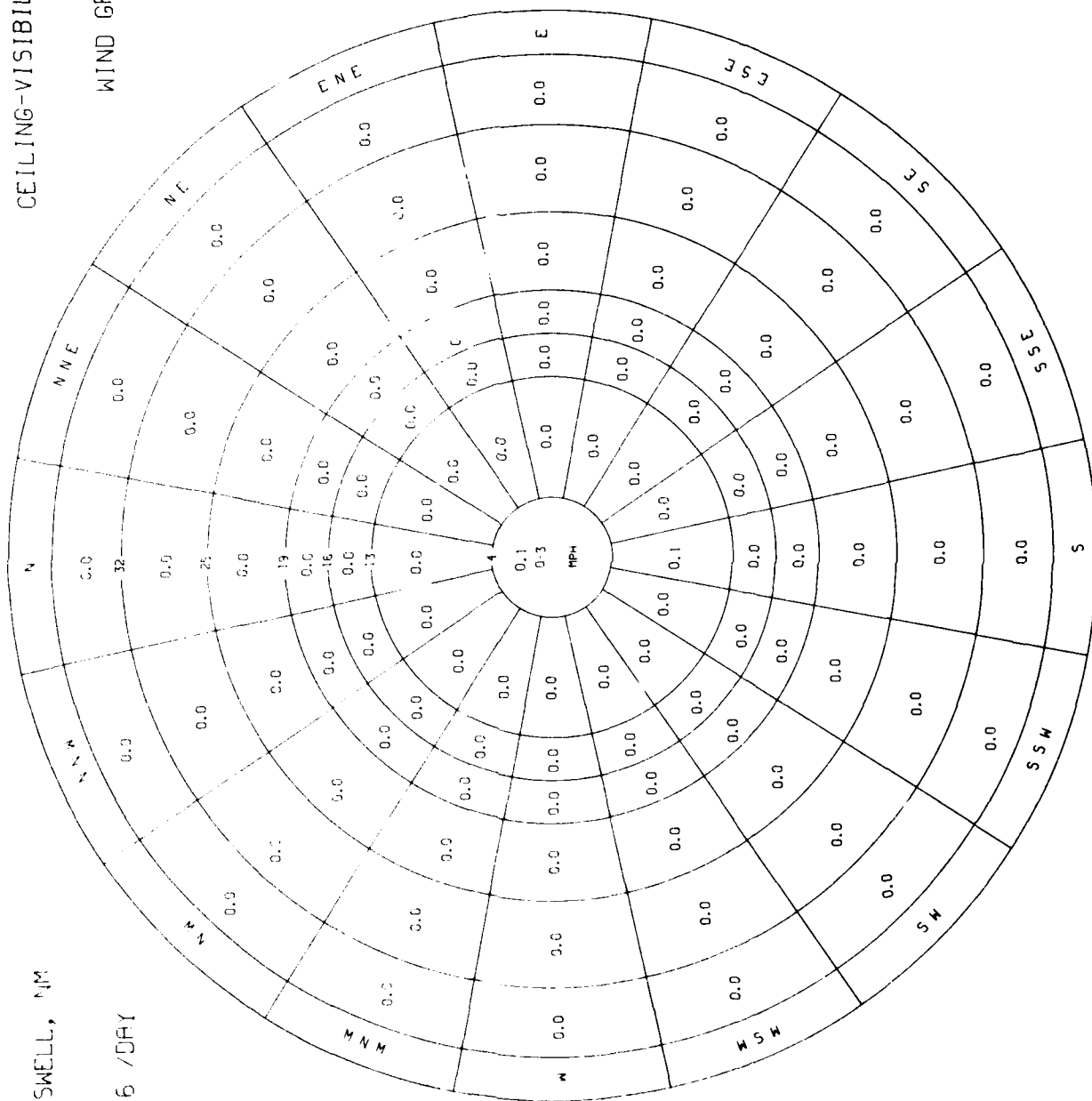
STATION NUMBER: 23009

NO. OBS.: 30

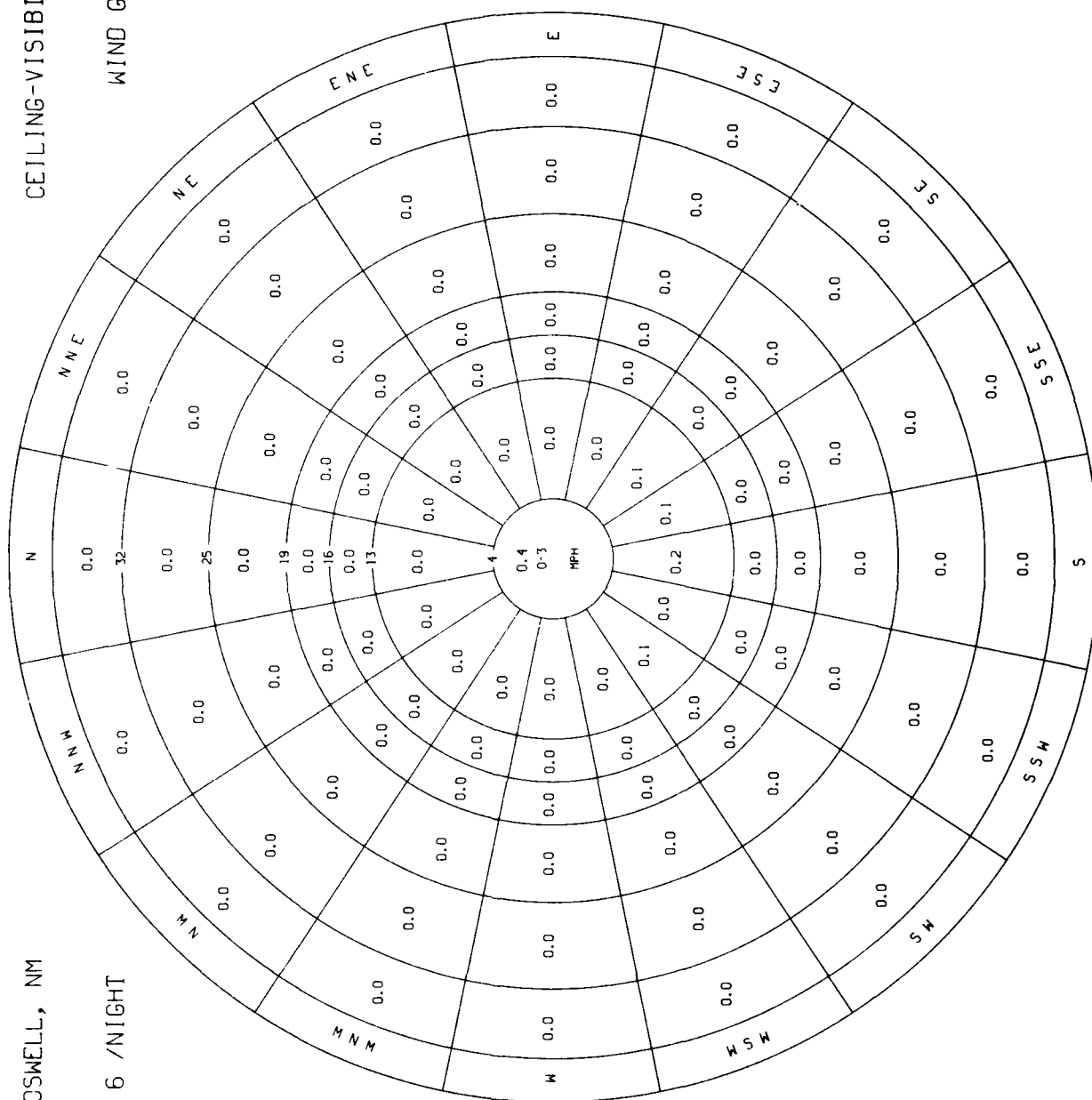
D I P	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	7.5
NNE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	9.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	3.3	20.0
E	.0	.0	.0	13.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	7.0
ESE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
SE	.0	.0	.0	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	13.0
SSE	.0	.0	.0	13.3	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.1	16.7	10.6
S	.0	.0	.0	.0	.0	10.0	.0	3.3	.0	3.3	.0	.0	.0	.0	.1	16.7	15.6
SSW	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
NNW	.0	.0	.0	3.3	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	6.7	13.0
CALM	.0	13.3													.0	13.3	
TOTAL	.1	16.7	.2	53.3	.0	13.3	.0	10.0	.0	6.7	.0	.0	.0	.0	.4	100	9.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

CLASS 6 / NIGHT

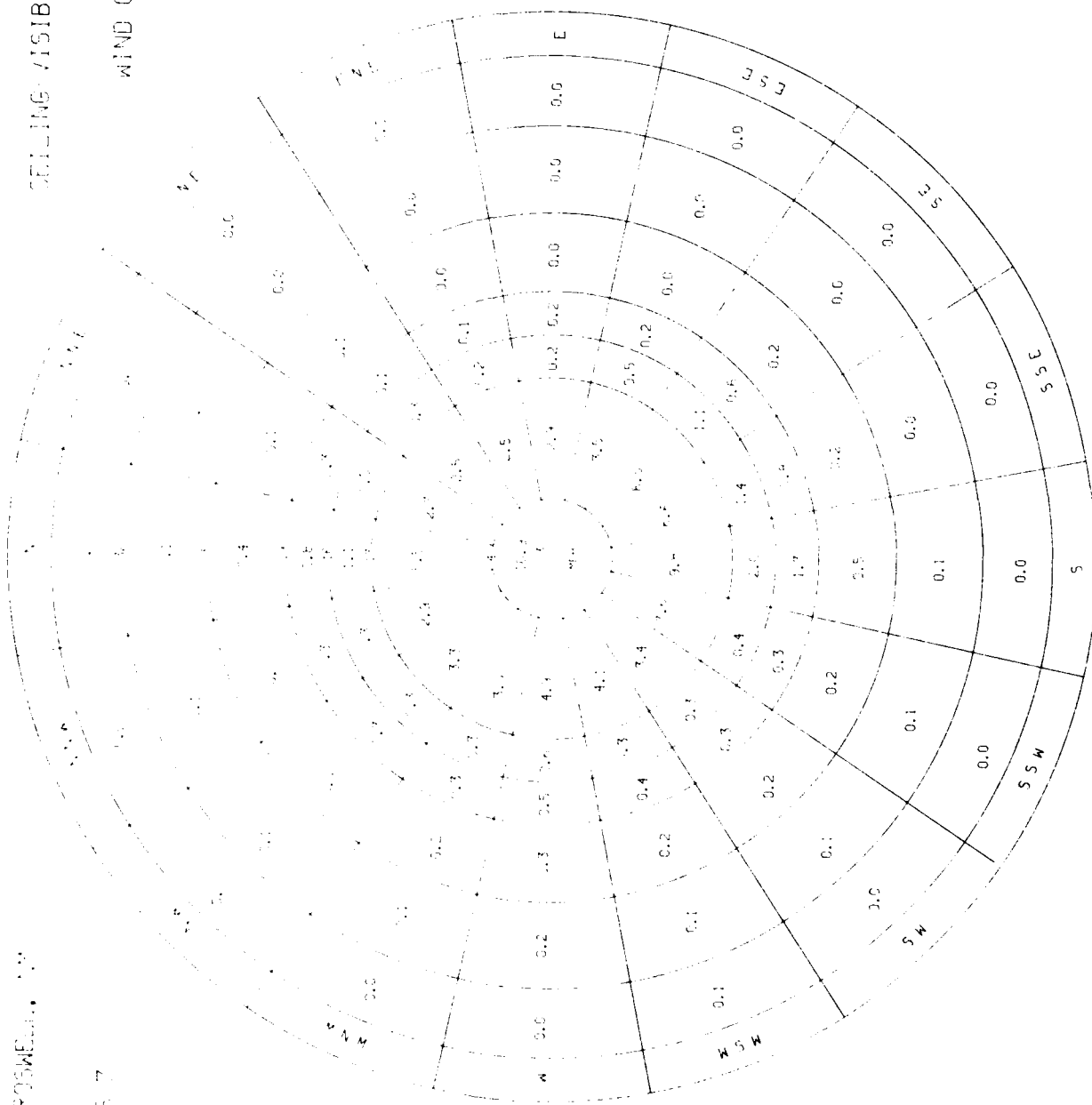
NO. OBS.: 78

STATION NUMBER: 23009

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
E	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
ESE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
SE	.0	.0	.1	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.7
SSE	.0	1.3	.1	12.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 15.4
S	.0	.0	.2	17.9	.0	5.1	.0	1.3	.0	.0	.0	.0	.0	.0	.2 24.4
SSW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
SW	.0	.0	.1	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.7
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
W	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
NNW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
CALM	.3	33.3													.3 33.3
TOTAL	.4	37.2	.5	55.1	.1	6.4	.0	1.3	.0	.0	.0	.0	.0	.0	1.0 100
															5.2

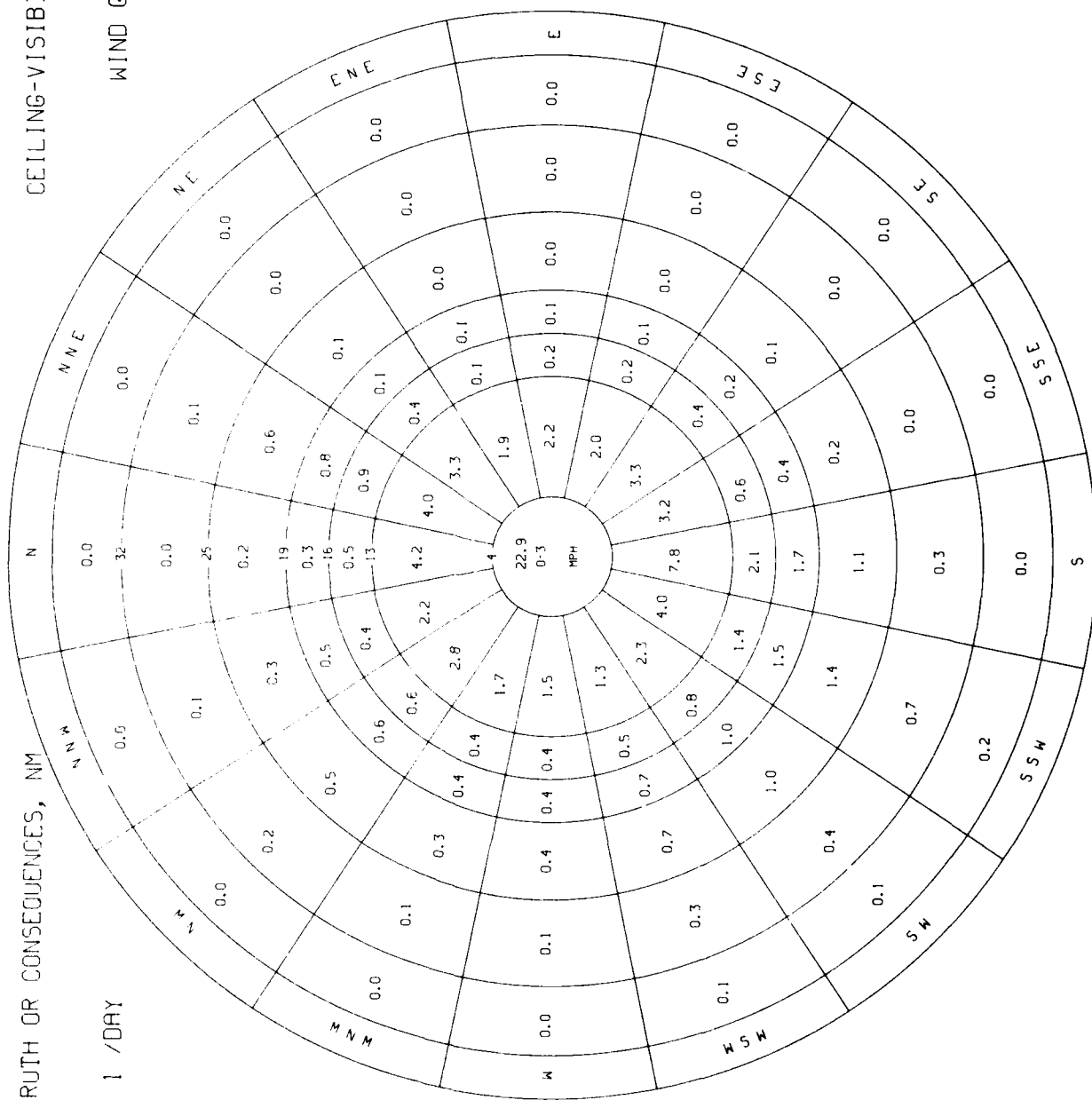
CELLING VISIBILITY WIND GRAPH

ROW POSWELL, W
CLASS 7



TCS TRUTH OR CONSEQUENCES, NM
 CLASS 1 /DAY

CEILING-VISIBILITY
 WIND GRAPH



PRECEDING PAGE BLANK

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: ICS TRUTH OR CONSEQUENCES, NM

CLASS 1 / DAY

NO. OBS.: 39870

STATION NUMBER: 93045

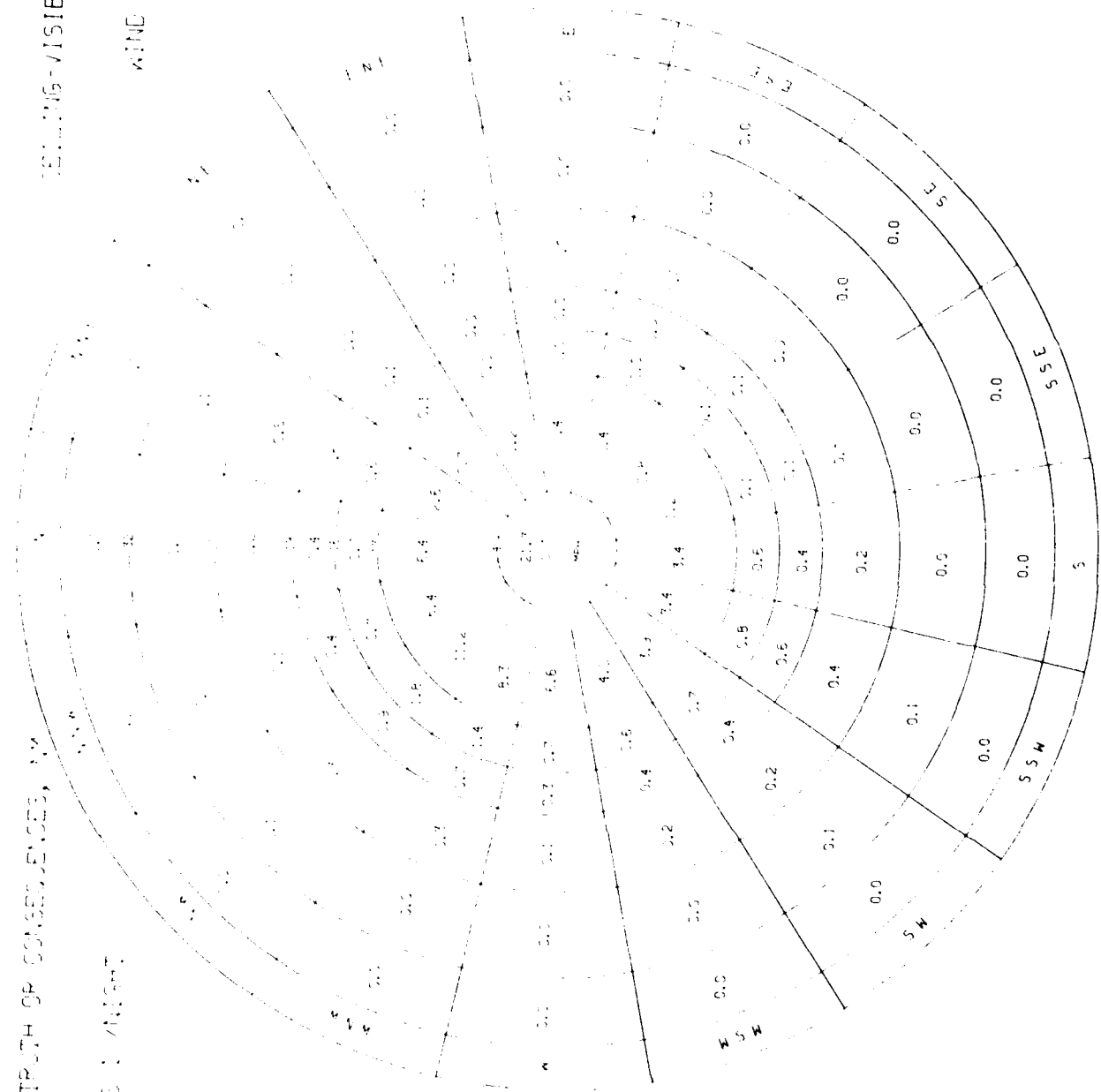
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	.3	4.2	4.2	.5	.5	.3	.3	.2	.2	.0	.0	.0	.0	5.5 5.6 9.3
NNE	.2	.2	4.0	4.0	.9	.9	.8	.8	.6	.6	.1	.1	.0	.0	6.5 6.6 11.2
NE	.3	.3	3.3	3.3	.4	.4	.1	.1	.1	.1	.0	.0	.0	.0	4.1 4.1 8.4
ENE	.2	.2	1.9	2.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.3 2.3 7.7
E	.2	.2	2.2	2.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.7 2.7 7.8
ESE	.1	.1	2.0	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5 2.5 8.6
SE	.3	.3	3.3	3.3	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	4.2 4.2 8.7
SSE	.2	.2	3.2	3.3	.6	.6	.4	.4	.2	.2	.0	.0	.0	.0	4.6 4.7 10.1
S	.3	.3	7.8	7.9	2.1	2.1	1.7	1.7	1.1	1.1	.3	.3	.0	.0	13.3 13.4 11.8
SSW	.2	.2	4.0	4.1	1.4	1.4	1.5	1.5	1.4	1.5	.7	.7	.2	.2	9.5 9.6 14.5
SW	.1	.1	2.3	2.3	.8	.8	1.0	1.0	1.0	1.0	.4	.4	.1	.1	5.7 5.8 14.7
WSW	.1	.1	1.3	1.3	.5	.5	.7	.7	.7	.7	.3	.3	.1	.1	3.7 3.7 15.4
W	.1	.1	1.5	1.5	.4	.4	.4	.4	.4	.4	.1	.1	.0	.0	2.8 2.9 12.4
WNW	.1	.1	1.7	1.8	.4	.4	.4	.4	.3	.3	.1	.1	.0	.0	3.1 3.2 12.7
NW	.1	.1	2.8	2.8	.6	.6	.5	.5	.5	.5	.2	.2	.0	.0	4.8 4.8 12.2
NNW	.1	.1	2.2	2.3	.4	.4	.5	.5	.3	.4	.1	.1	.0	.0	3.7 3.7 11.5
CALM	20.0	20.2													20.0 20.2
TOTAL	22.9	23.2	47.8	48.3	9.7	9.8	8.7	8.8	6.9	7.0	2.4	2.4	.5	.5	98.9 100 9.2

103 TRUTH OF CONSEQUENCES, NY

CLASS : NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

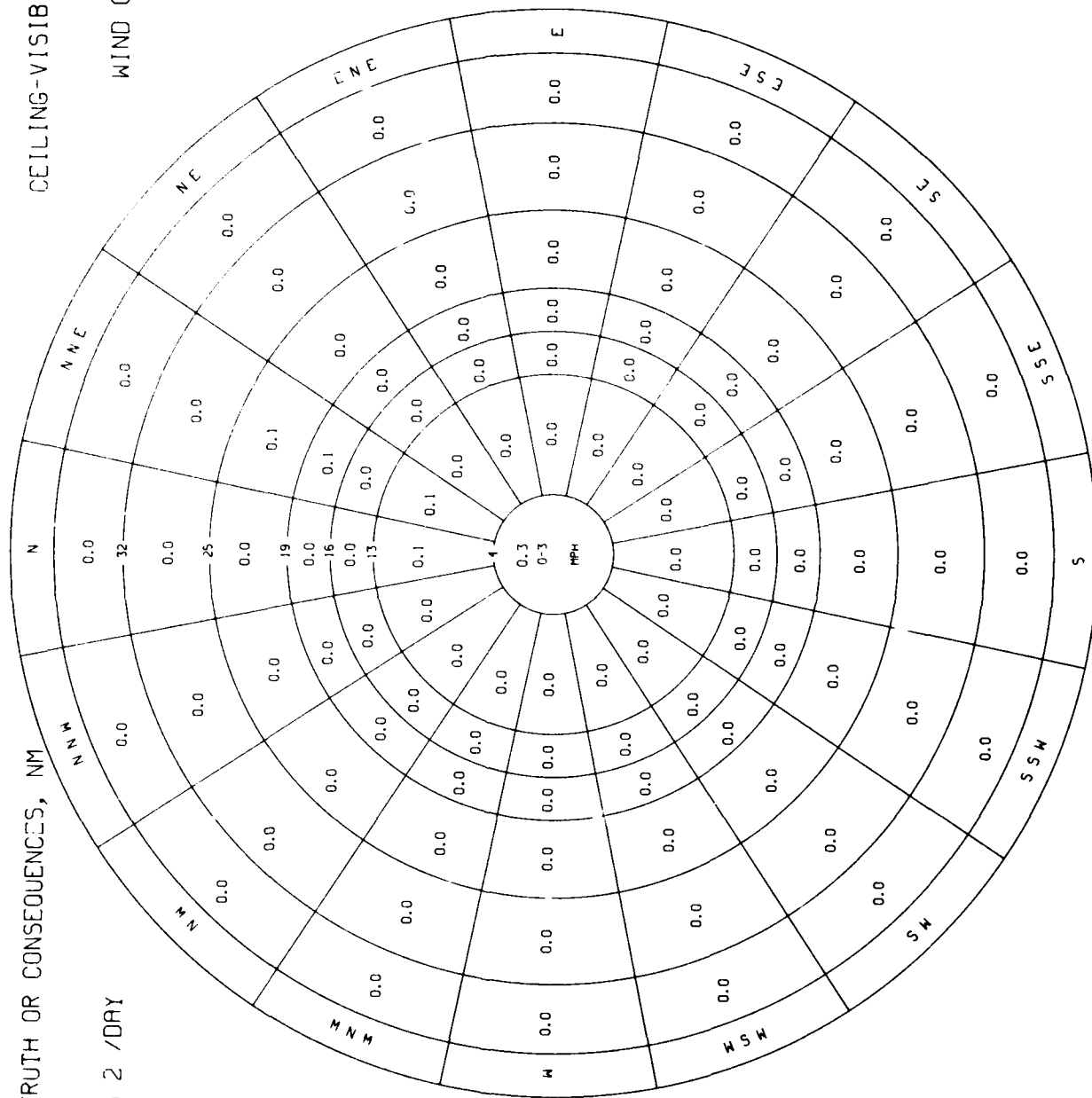
CLASS 1 / NIGHT

NO. OBS.: 35127

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	.2	6.4	6.4	.7	.7	.4	.4	.2	.2	.0	.0	.0	.0	7.9	8.0	9.2
NNE	.1	.1	2.6	2.7	.6	.6	.6	.6	.5	.5	.1	.1	.0	.0	4.6	4.6	12.1
NE	.1	.1	.7	.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.0	1.0	8.8
ENE	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	7.2
E	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	6.9
ESE	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	7.7
SE	.1	.1	.8	.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.1	1.1	8.7
SSE	.1	.1	1.2	1.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	1.5	9.0
S	.2	.2	3.4	3.5	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	4.9	4.9	10.2
SSW	.1	.1	3.4	3.4	.8	.8	.6	.6	.4	.4	.1	.1	.0	.0	5.3	5.4	11.4
SW	.2	.2	3.9	4.0	.7	.7	.4	.4	.2	.2	.1	.1	.0	.0	5.6	5.6	10.1
WSW	.1	.2	4.0	4.0	.6	.6	.4	.4	.2	.2	.0	.0	.0	.0	5.3	5.3	9.9
W	.2	.2	6.6	6.7	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	8.1	8.2	9.3
WNW	.2	.2	8.3	8.4	1.4	1.4	.7	.7	.3	.3	.0	.0	.0	.0	10.9	11.0	10.2
NW	.3	.3	11.2	11.3	1.8	1.9	.9	.9	.3	.3	.1	.1	.0	.0	14.7	14.8	10.1
NNW	.2	.3	6.4	6.5	.7	.7	.4	.4	.1	.1	.0	.0	.0	.0	7.9	8.0	9.3
CALM	18.8	19.0													18.8	19.0	
TOTAL	21.3	21.5	59.9	60.5	9.0	9.1	5.4	5.4	2.7	2.8	.5	.6	.1	.1	98.9	100	8.1

ICS TRUTH OR CONSEQUENCES, NM
 CLASS 2 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

PERIOD: 1951-1976

CLASS 2 / DAY

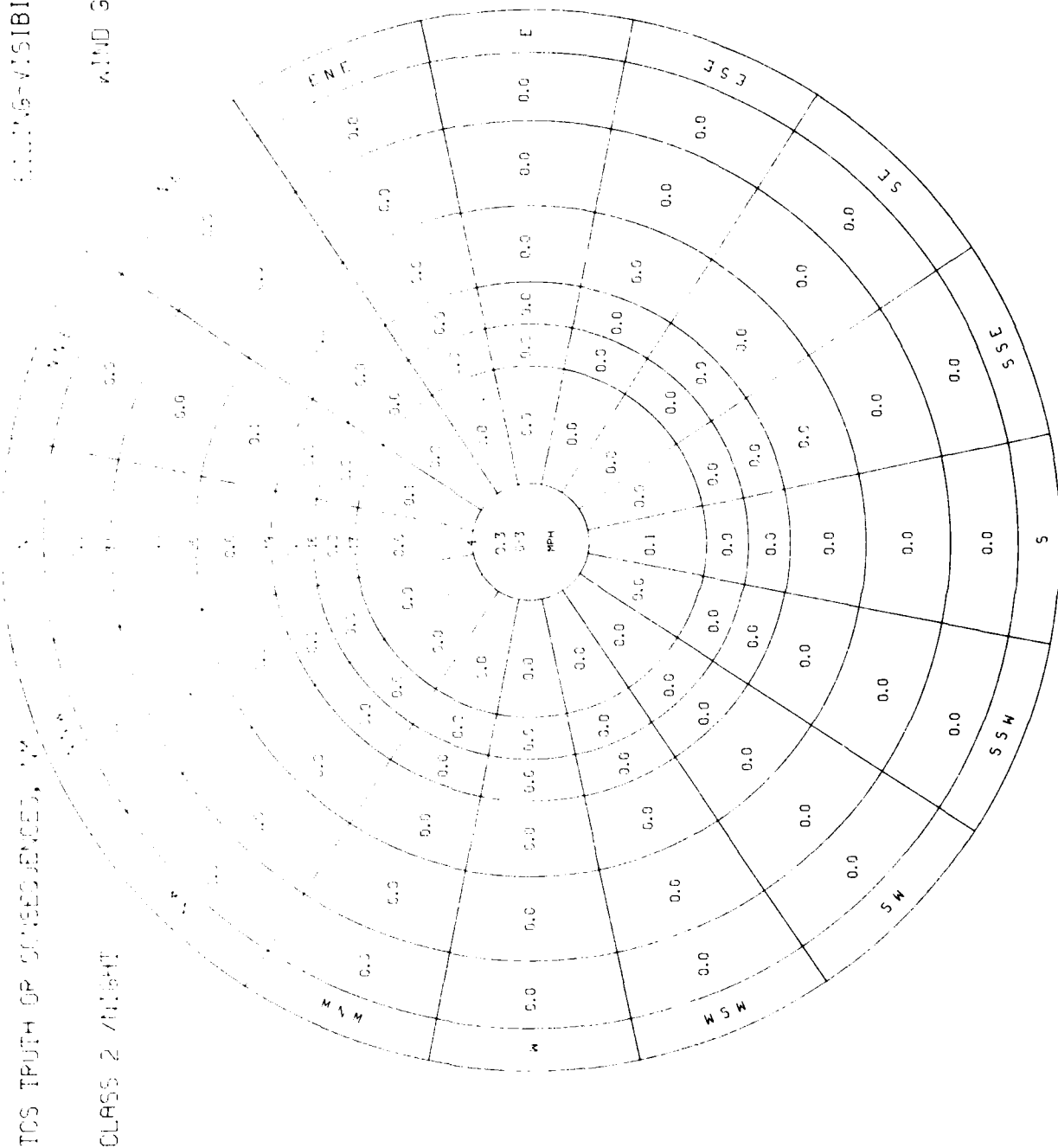
STATION NUMBER: 93045

NO. OBS.: 430

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.1	5.1	.0	1.2	.0	1.2	.0	2.3	.0	.5	.0	.0	.1 10.9
NNE	.0	.0	.1	11.2	.0	3.0	.1	5.8	.1	5.8	.0	1.4	.0	.7	.3 27.9
NE	.0	1.2	.0	2.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0 4.4
ENE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
E	.0	.5	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
ESE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
SE	.0	.2	.0	2.6	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0 3.5
SSE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
S	.0	.5	.0	4.0	.0	1.4	.0	.9	.0	.2	.0	.0	.0	.0	.1 7.0
SSW	.0	.2	.0	4.4	.0	.5	.0	.0	.0	.5	.0	.0	.0	.2	.1 5.8
SW	.0	.2	.0	2.6	.0	.0	.0	.2	.0	.2	.0	.0	.0	.5	.0 3.7
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0 .7
WNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0 1.6
NW	.0	.2	.0	.9	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0 1.6
NNW	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0 .9
CALM	.3	25.8													.3 25.8
TOTAL	.3	29.8	.4	41.2	.1	7.2	.1	8.6	.1	9.5	.0	2.1	.0	1.6	1.1 100
															9.2

BLIND-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TOP MOUNTED CONSEQUENCE, NM

CLASS 2 / NIGHT

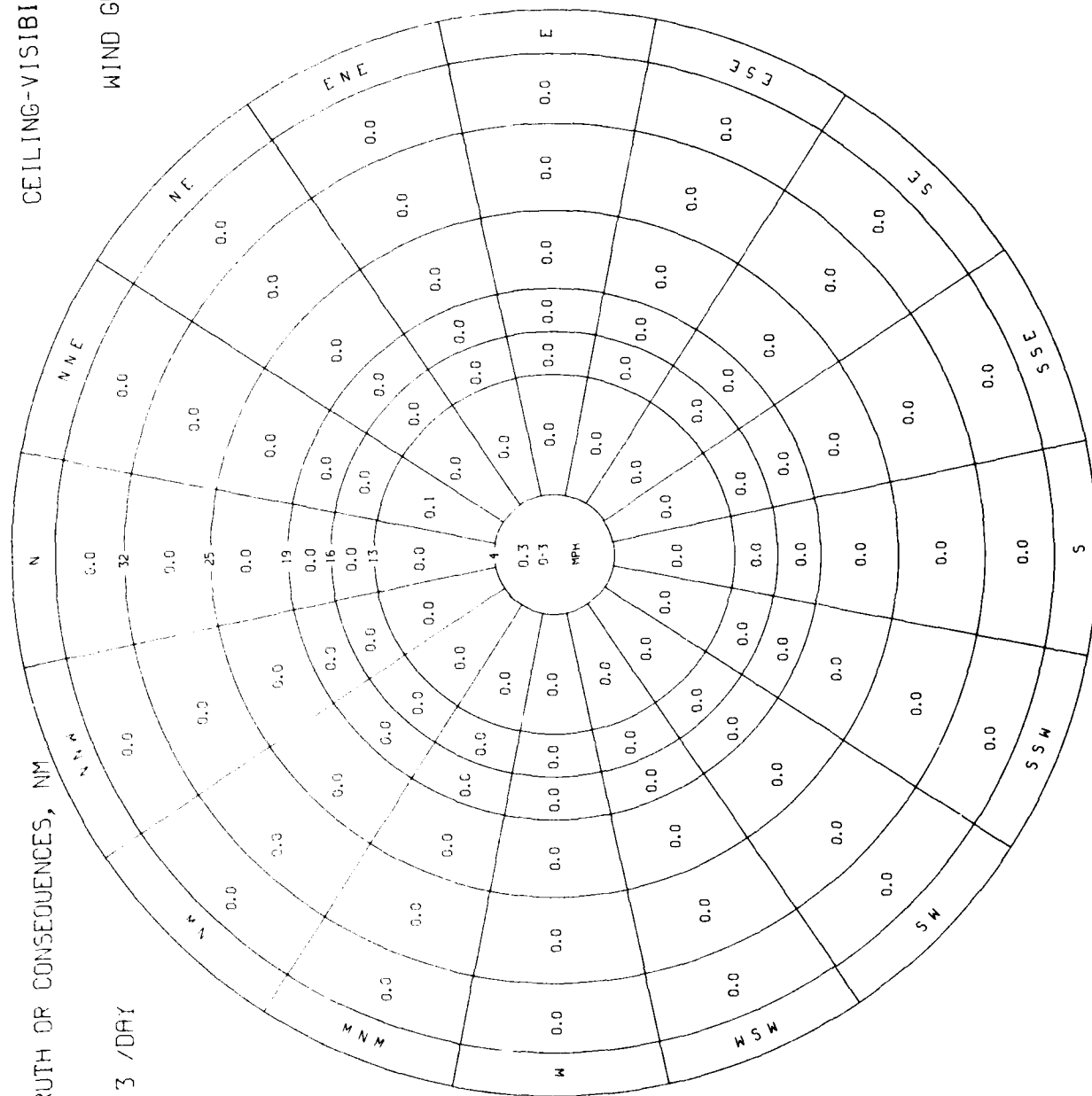
NO. OBS.: 381

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.5	.0	4.5	.0	2.6	.0	2.1	.0	1.0	.0	.5	.0	.0	.1	11.3	12.7
NNE	.0	.8	.1	8.4	.0	4.2	.0	4.5	.1	8.4	.0	1.3	.0	.5	.3	28.1	15.7
NE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	8.6
ENE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.6	9.2
E	.0	.0	.0	.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.0	8.5
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	25.0
SE	.0	.3	.0	2.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.1
SSE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.6
S	.0	.0	.1	6.3	.0	1.0	.0	.5	.0	.3	.0	.0	.0	.0	.1	8.1	9.9
SSW	.0	.3	.0	2.9	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.7	8.6
SW	.0	.0	.0	3.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.7	5.1
WSW	.0	.0	.0	1.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.6	9.3
W	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
WNW	.0	.0	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	11.3
NW	.0	.3	.0	1.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.8	9.7
NNW	.0	.0	.0	1.3	.0	.3	.0	.0	.0	.5	.0	.0	.0	.0	.0	2.1	11.4
CALM	.3	29.1													.3	29.1	
TOTAL	.3	31.2	.4	37.3	.1	10.0	.1	8.1	.1	10.8	.0	2.1	.0	.5	1.1	100	8.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

PERIOD: 1951-1976

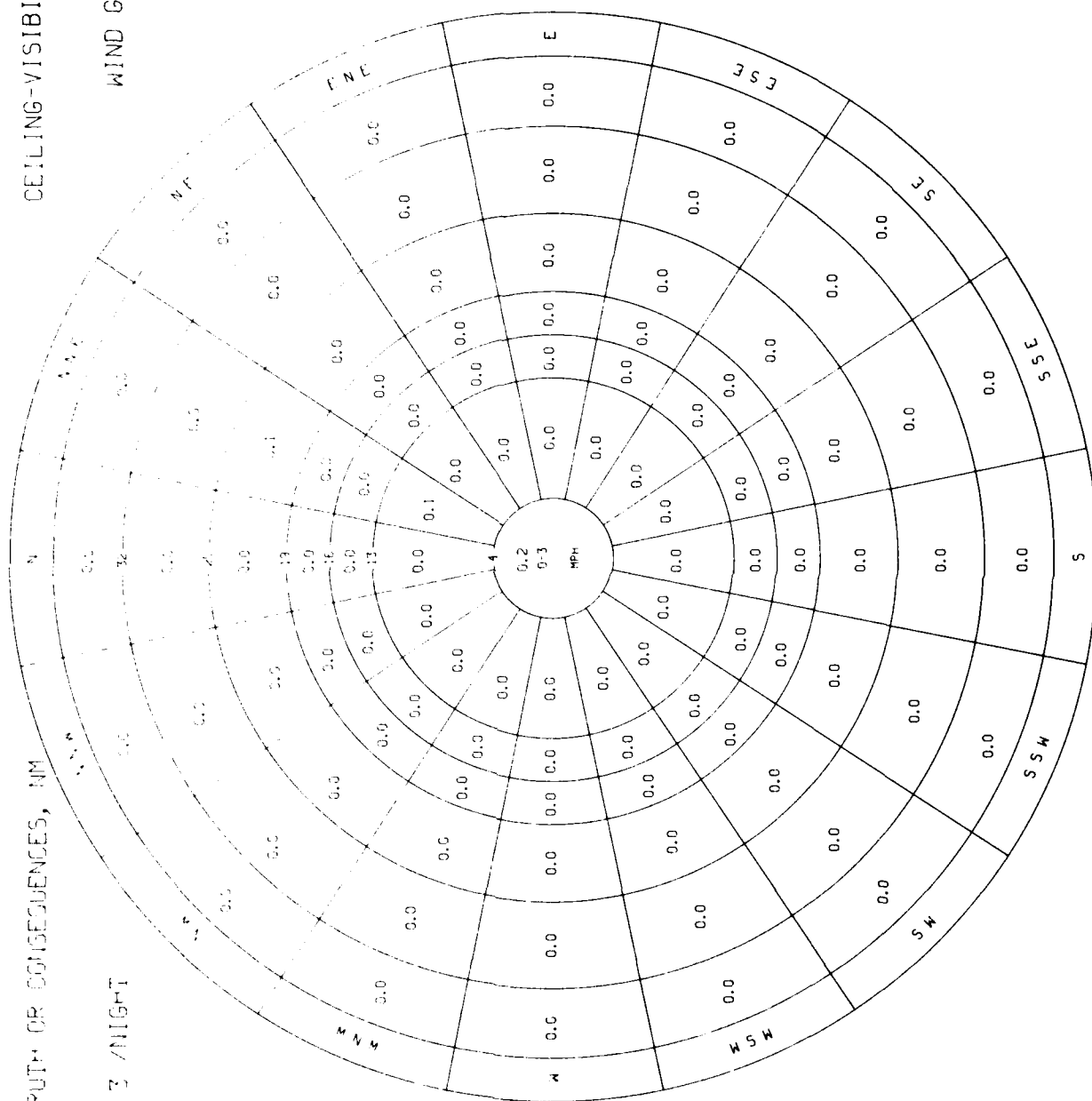
CLASS 3 / DAY

STATION NUMBER: 93045

NO. OBS.: 326

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D	
N	.0	.9	.0	4.9	.0	1.2	.0	1.2	.0	1.2	.0	2.1	.0	.0	.0	.0	.1	10.4	12.6
NNE	.0	.0	.1	10.7	.0	3.1	.0	6.1	.0	3.7	.0	.3	.0	.3	.0	.3	.2	24.2	14.3
NE	.0	1.2	.0	3.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.0
ENE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.3
E	.0	.3	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
ESE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
SE	.0	.3	.0	2.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	9.3
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
S	.0	.3	.0	4.9	.0	1.8	.0	1.2	.0	.3	.0	.6	.0	.0	.0	.0	.1	8.6	10.8
SSW	.0	.0	.0	5.2	.0	.3	.0	.0	.0	.6	.0	.0	.0	.0	.0	.3	.1	6.4	10.9
SW	.0	.3	.0	2.1	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.6	.0	3.7	14.2
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5
W	.0	.0	.0	.6	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.9	12.0
WNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	1.8	10.8
NW	.0	.3	.0	.9	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.8	8.8
NNW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.7
CALM	.2	27.9															.2	27.9	
TOTAL	.3	31.9	.3	42.0	.1	7.4	.1	9.2	.1	7.7	.0	.6	.0	1.2	.8	100			8.4

CEILING-VISIBILITY
WIND GRAPH



TCS TRUTH OR CONSEQUENCES, NM

CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: LOS TRUTH DR CONSEQUENCES, NM

CLASS 2 / NIGHT

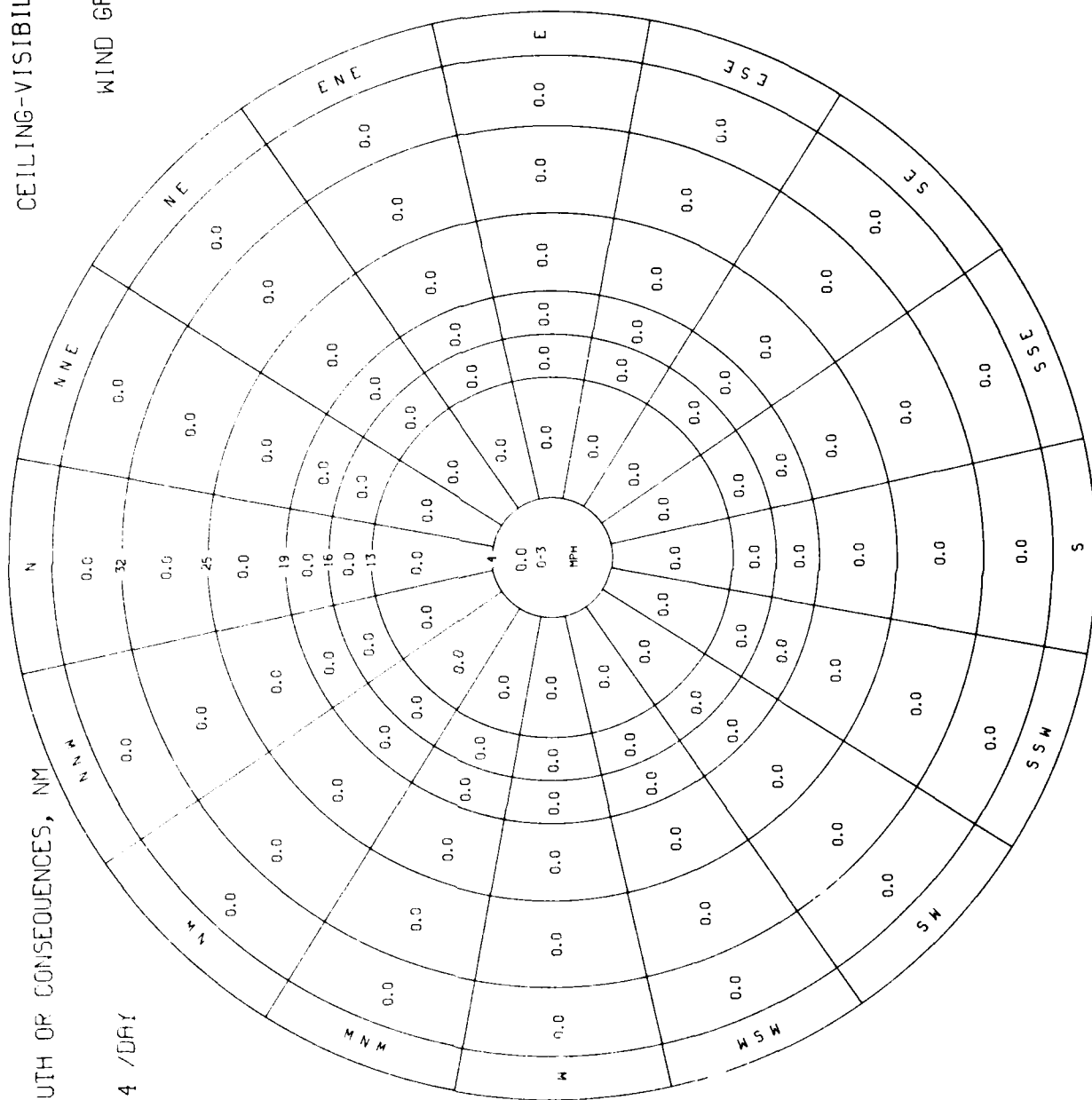
NO. OBS.: 273

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.7	.0	5.5	.0	3.3	.0	1.1	.0	1.1	.0	.7	.0	.0	.1	12.5	12.1
NNE	.0	.7	.1	7.3	.0	5.5	.0	4.0	.1	6.6	.0	.7	.0	.0	.2	24.9	14.9
NE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.7
ENE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.5
E	.0	.0	.0	1.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	1.5	8.5
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.4	25.0
SE	.0	.0	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.6
SSE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.6
S	.0	.0	.0	6.2	.0	1.5	.0	.7	.0	.4	.0	.0	.0	.0	.1	8.8	10.8
SSW	.0	.4	.0	3.7	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	4.8	8.8
SW	.0	.0	.0	3.7	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	4.4	9.2
WSW	.0	.0	.0	1.1	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	1.8	9.8
W	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0
WNW	.0	.0	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	11.3
NW	.0	.4	.0	1.5	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	2.6	9.7
NNW	.0	.0	.0	1.1	.0	.4	.0	.0	.0	.7	.0	.0	.0	.0	.0	2.2	12.8
CALM	.2	28.6													.2	28.6	
TOTAL	.2	30.8	.3	37.7	.1	13.2	.1	7.3	.1	9.2	.0	1.8	.0	.0	.8	100	8.6

CEILING-VISIBILITY

WIND GRAPH



TCS TRUTH OR CONSEQUENCES, NM

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

CLASS 4 / DAY

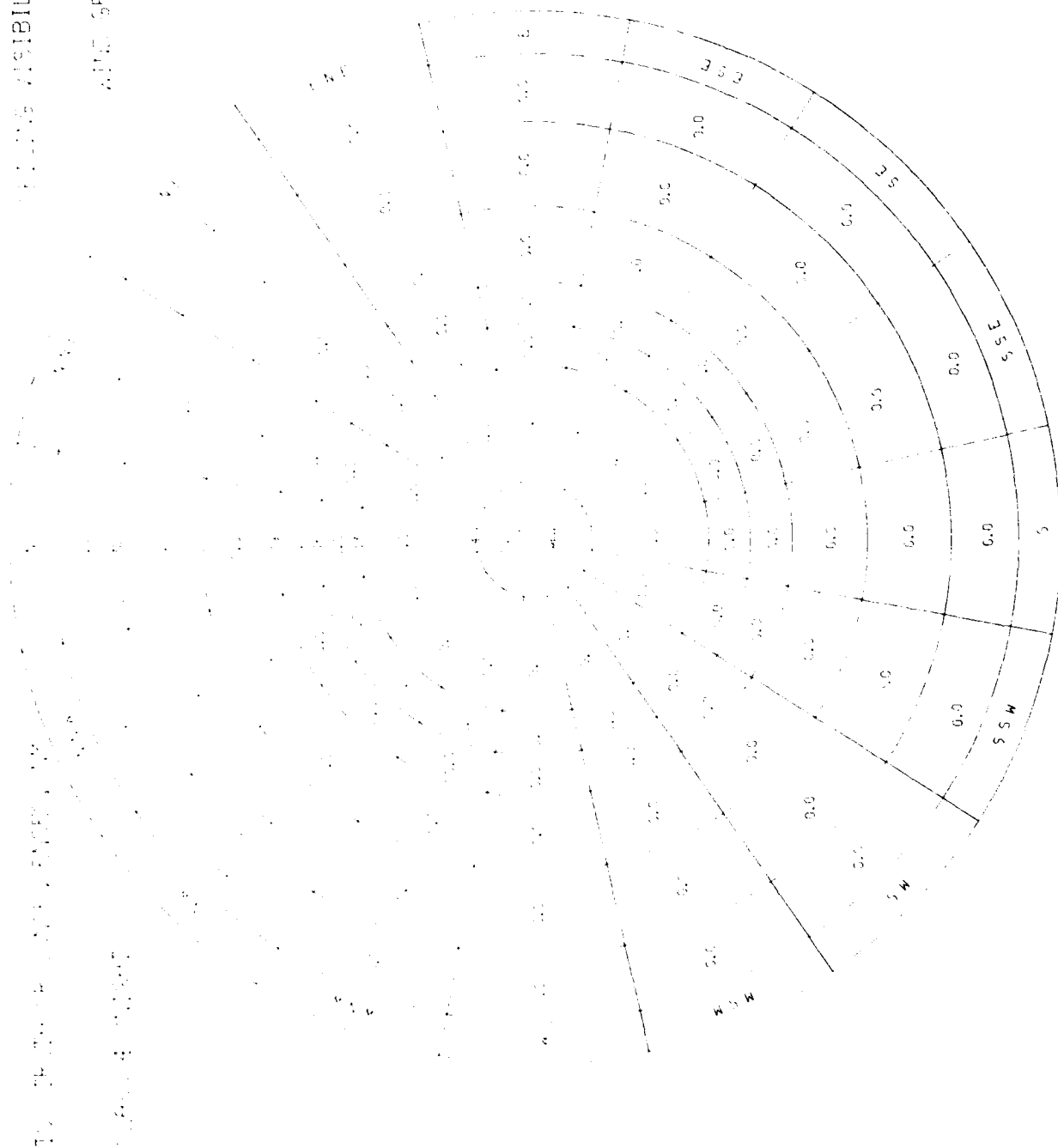
NO. OBS.: 51

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	.0	.0	7.8	.0	2.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	13.7	12.9
NNE	.0	.0	.0	15.7	.0	2.0	.0	5.9	.0	17.6	.0	9.8	.0	.0	.0	.0	1	51.0
NE	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	14.0
ESE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0
SE	.0	.0	.0	5.9	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	8.8
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.0
SSW	.0	.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	12.5
SW	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.5
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	10.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	7.8															.0	7.8
TOTAL	.0	11.8	.1	41.2	.0	9.8	.0	7.8	.0	19.6	.0	9.8	.0	.0	.0	.1	100	13.1

RELATIVE VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TUTH OF CONSEQUENCE, NM

CLASS 4 / NIGHT

NO. OBS.: 58

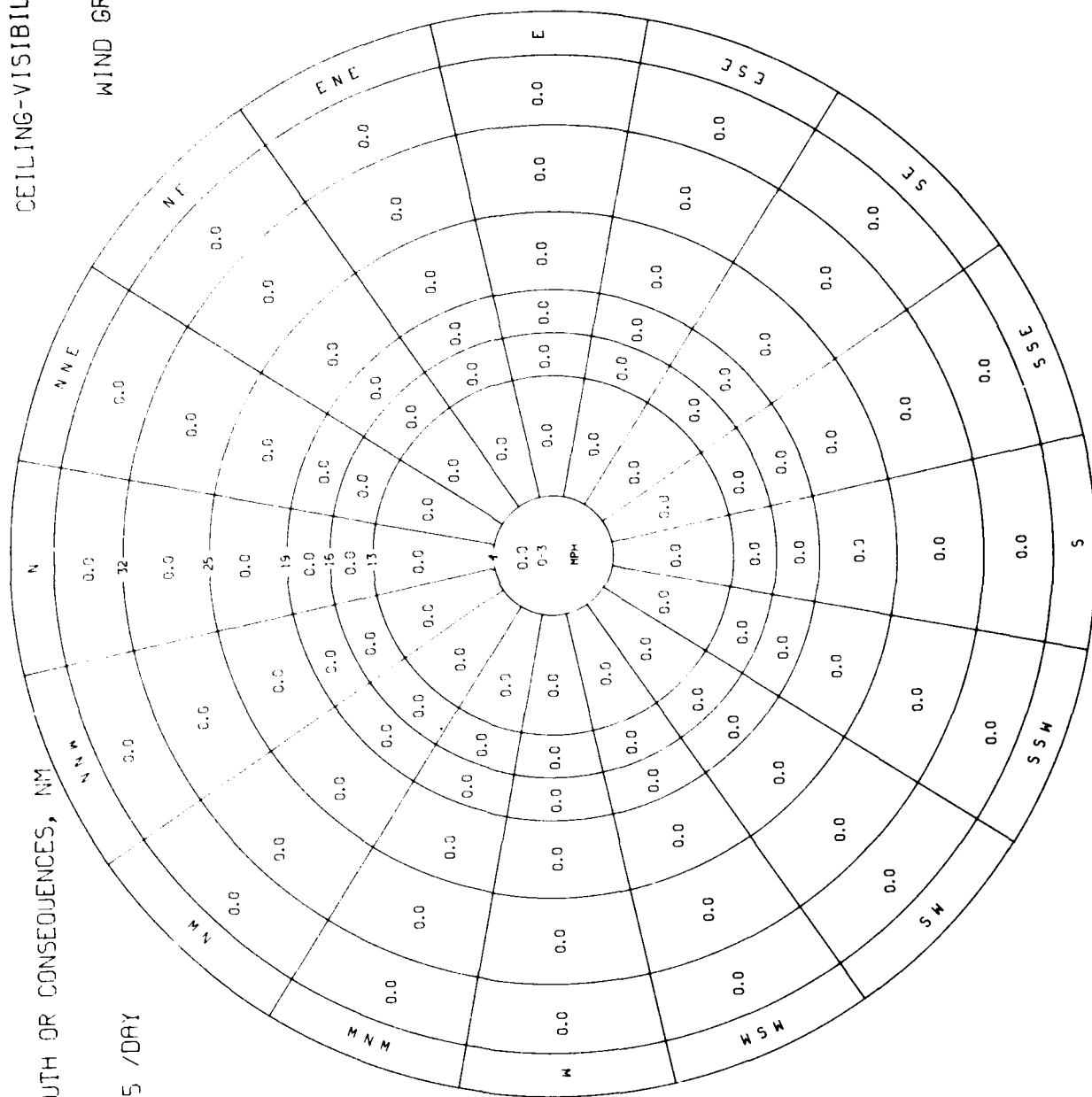
STATION NUMBER: 3404

S I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	1.7	.0	6.9	.0	1.7	.0	.0	.0	.0	.0 10.3
NNE	.0	.0	.0	12.1	.0	1.7	.0	8.6	.0	15.5	.0	3.4	.0	1.7	.1 43.1
NE	.0	.0	.0	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.9
ENE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0 5.2
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
S	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WSW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NNW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
CALM	.0	24.1													.0 24.1
TOTAL	.0	24.1	.1	32.8	.0	3.4	.0	15.5	.0	19.0	.0	3.4	.0	1.7	.2 100
															11.2

CEILING-VISIBILITY WIND GRAPH

TCS TRUTH OR CONSEQUENCES, NM

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: JCS TAUH OR CONSEQUENCES, NM

CLASS 5 / DAY

NO. OBS.: 32

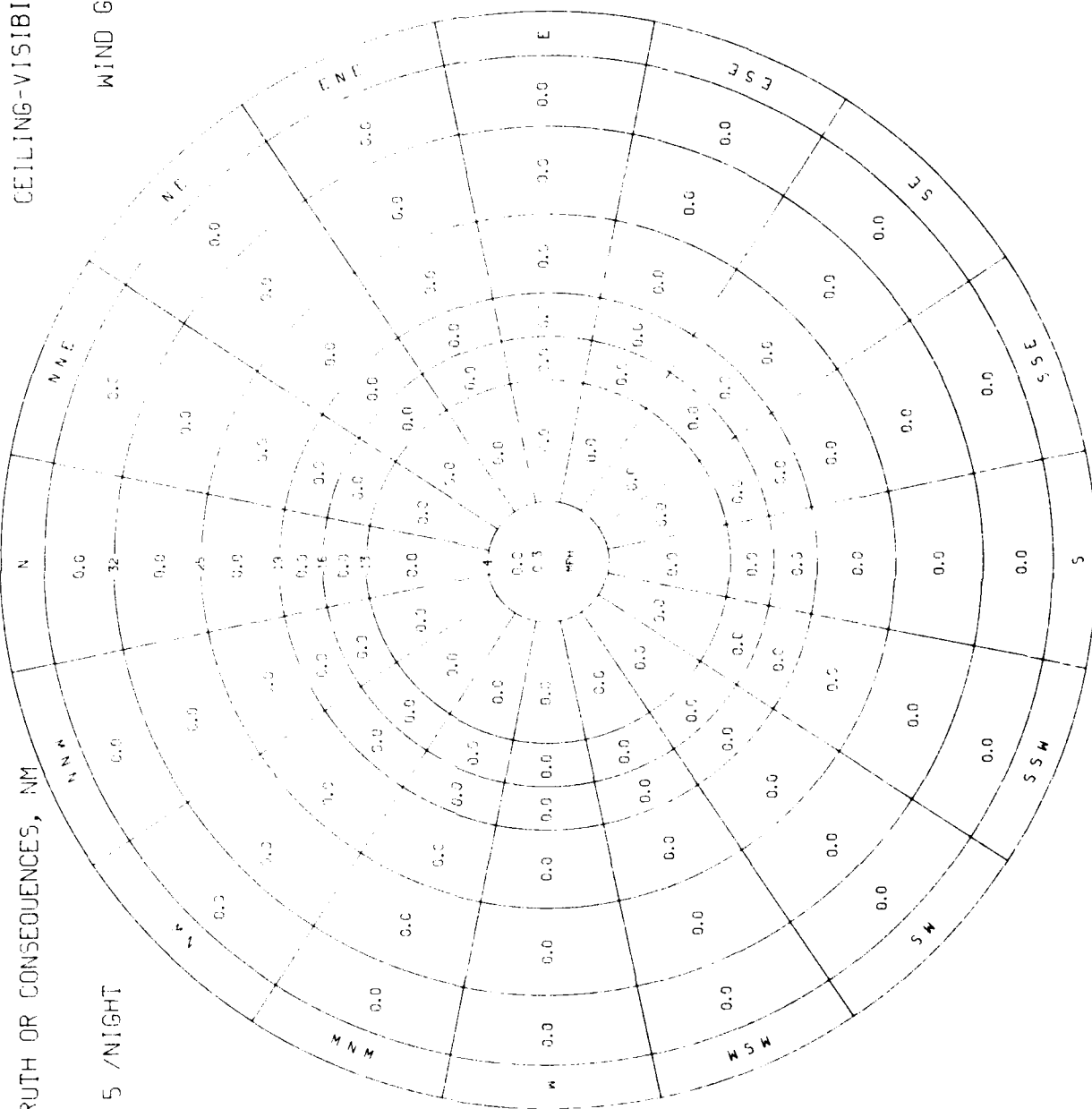
STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	3.1	.0	.0	.0	.0	.0	3.1	.0	3.1	.0	.0	.0	9.4	19.7
NNE	.0	.0	.0	6.3	.0	6.3	.0	3.1	.0	12.5	.0	.0	.0	.0	.0	28.1	16.2
NE	.0	.0	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	3.1	17.0
ENE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.0
SSE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0
SSW	.0	3.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	8.0
WSW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	9.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	28.1			.0	6.3	.0	6.3	.0	15.6	.0	3.1	.0	3.1	.0	3.1	35.0
TOTAL	.0	31.3	.0	34.4	.0	6.3	.0	6.3	.0	15.6	.0	3.1	.0	3.1	.0	28.1	10.0

331

CEILING-VISIBILITY

WIND GRAPH



TCS TRUTH OR CONSEQUENCES, NM

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

PERIOD: 1951-1976

CLASS 5 / NIGHT

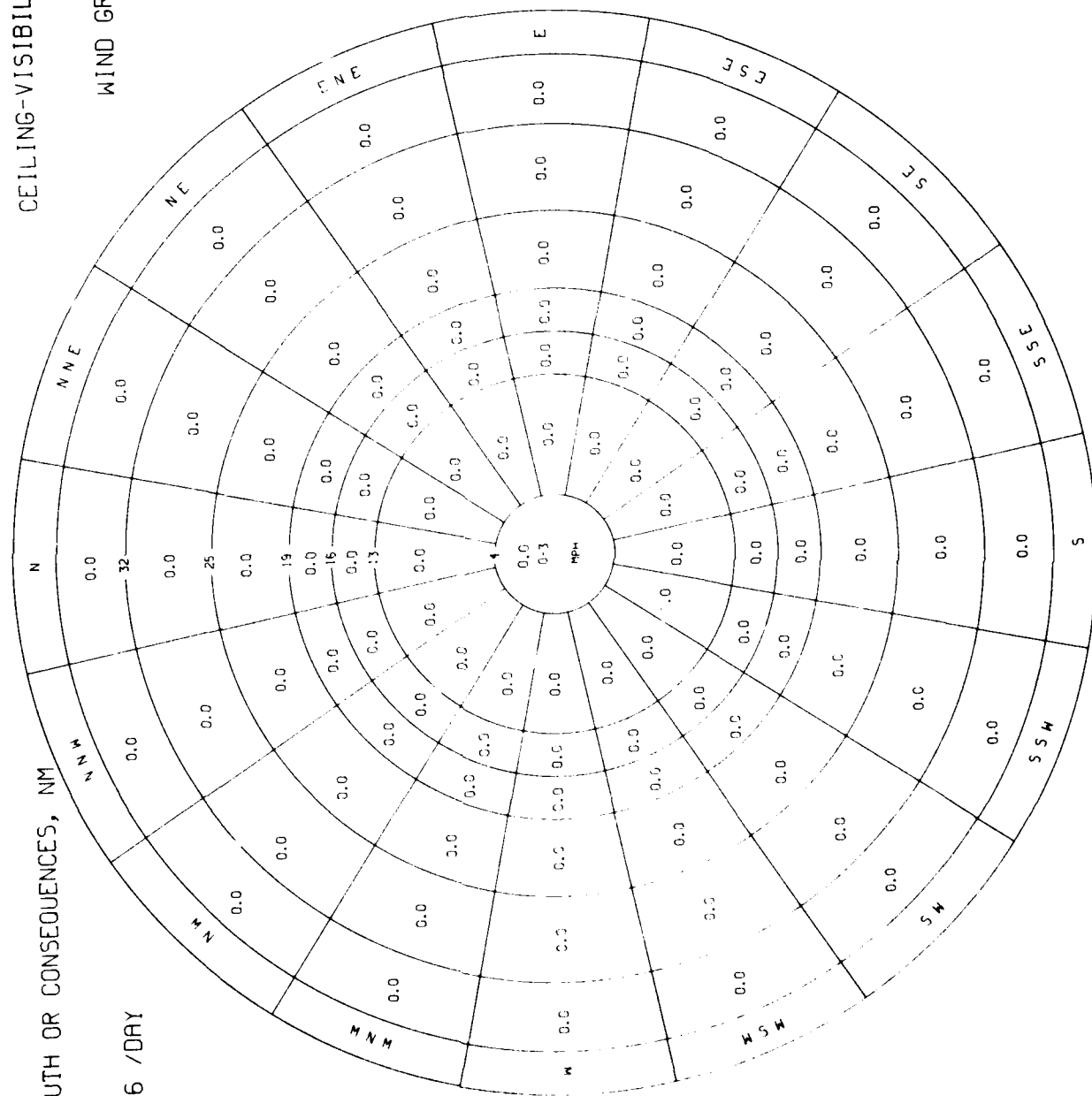
STATION NUMBER: 93045

NO. OBS.: 25

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	8.0	.0	.0	.0	.0	.0	12.0	.0	.0	.0	.0	20.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	12.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0
SSW	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SW	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	44.0													44.0
TOTAL	.0	44.0	.0	44.0	.0	.0	.0	.0	.0	12.0	.0	.0	.0	.0	100
															6.3

CEILING-VISIBILITY

WIND GRAPH



TCS TRUTH OR CONSEQUENCES, NM

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

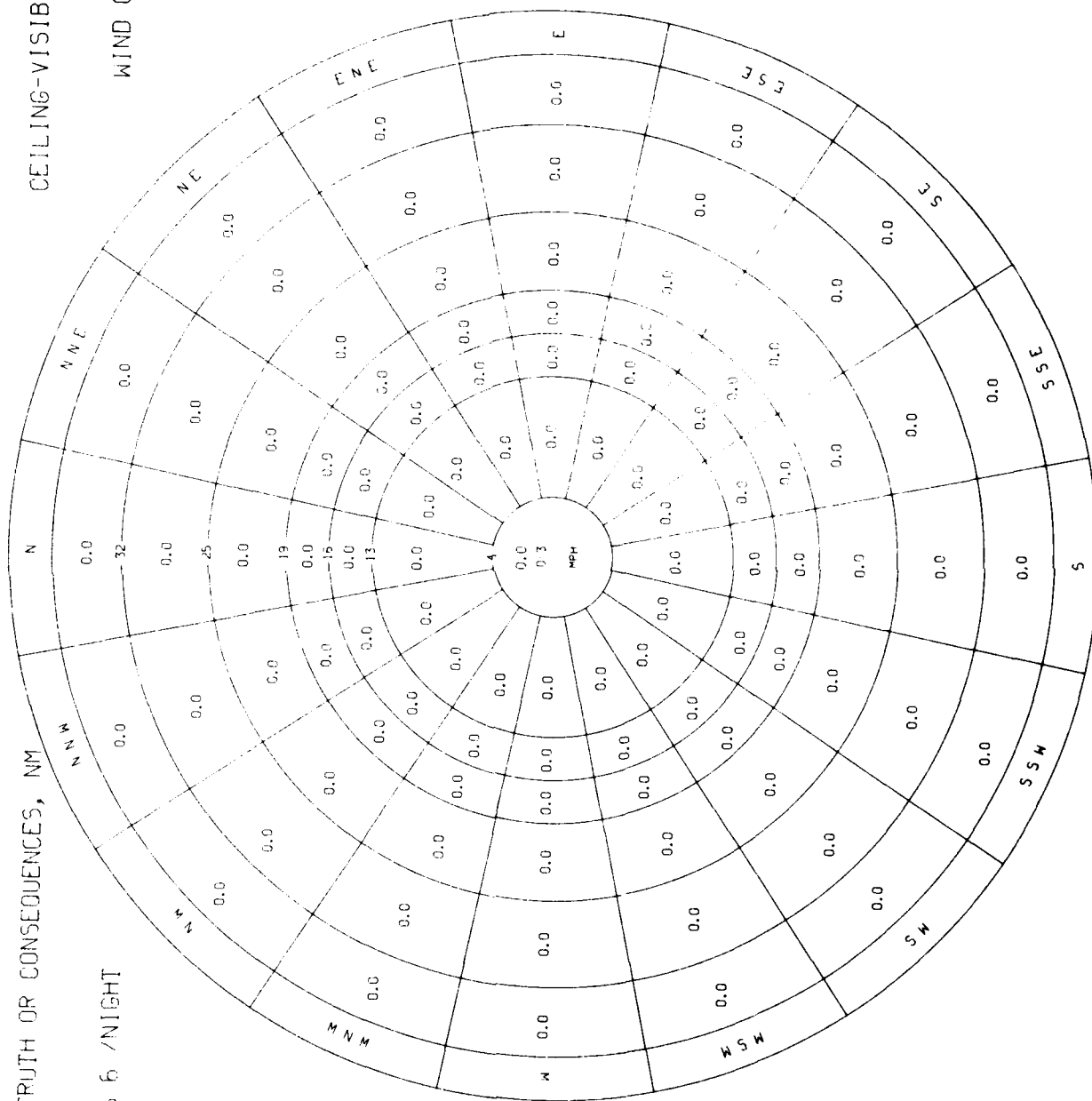
CLASS 6 / DAY

NO. OBS.: 21

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	4.8	.0	.0	.0	.0	.0	4.8	.0	4.8	.0	.0	.0	14.3	20.3	
NNE	.0	.0	.0	14.3	.0	.0	.0	.0	4.8	.0	.0	.0	.0	.0	9.5	.0	28.6	18.5
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	3.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	12.0
WSW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.0
NW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	33.3														.0	33.3	
TOTAL	.0	38.1	.0	38.1	.0	.0	.0	.0	4.8	.0	4.8	.0	4.8	.0	9.5	.1	100	9.8

TCS TRUTH OR CONSEQUENCES, NM
 CLASS 6 / NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TOP TOWER OF CONSEQUENCES, NM

CLASS 6 / NIGHT

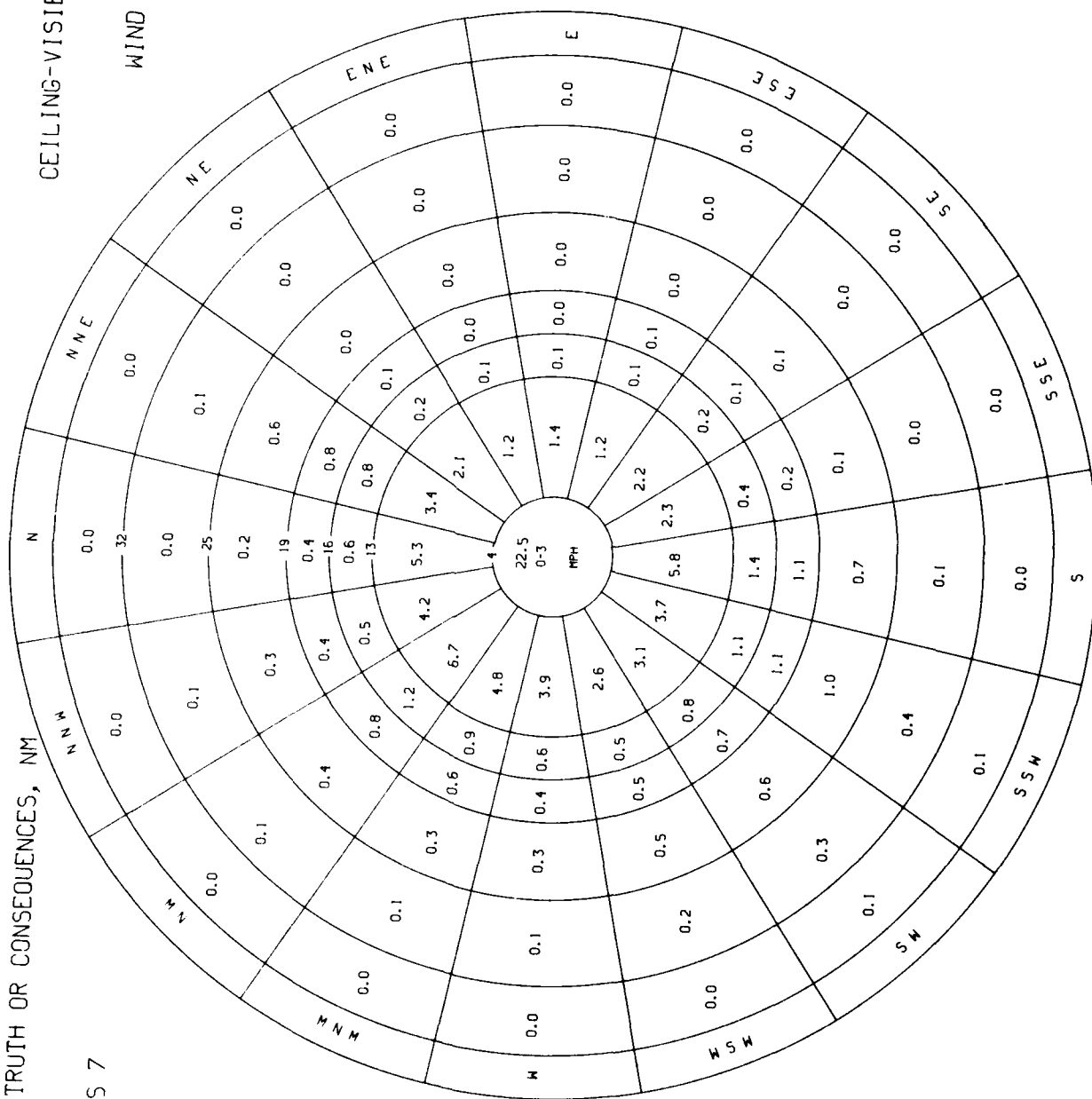
STATION NUMBER: 93045

NO. OBS.: 25

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.0	.0	8.0	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	11.3
NNE	.0	4.0	.0	12.0	.0	.0	.0	4.0	.0	8.0	.0	4.0	.0	4.0	.0	36.0	16.4	
NE	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	6.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	3.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	6.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	32.0													.0	32.0		
TOTAL	.0	40.0	.0	36.0	.0	.0	.0	8.0	.0	8.0	.0	4.0	.0	4.0	.0	100	8.3	

ICS TRUTH OR CONSEQUENCES, NM
 CLASS 7

CEILING-VISIBILITY
 WIND GRAPH

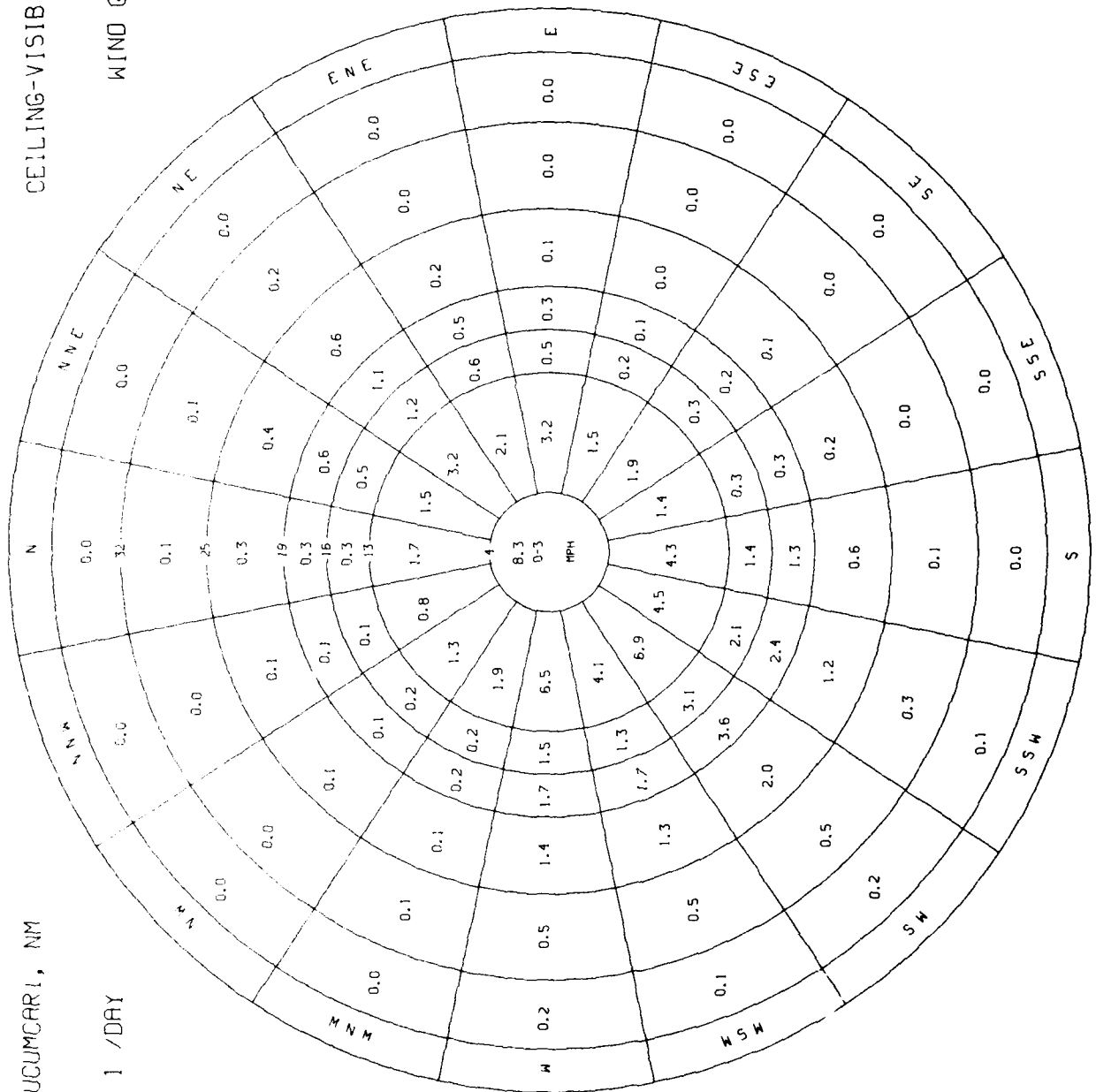


CEILING-VISIBILITY

WIND GRAPH

TCC TUCUMCARL, NM

CLASS 1 /DAY



PRECEDING PAGE BLANK-NOT FILM

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

CLASS : / DAY

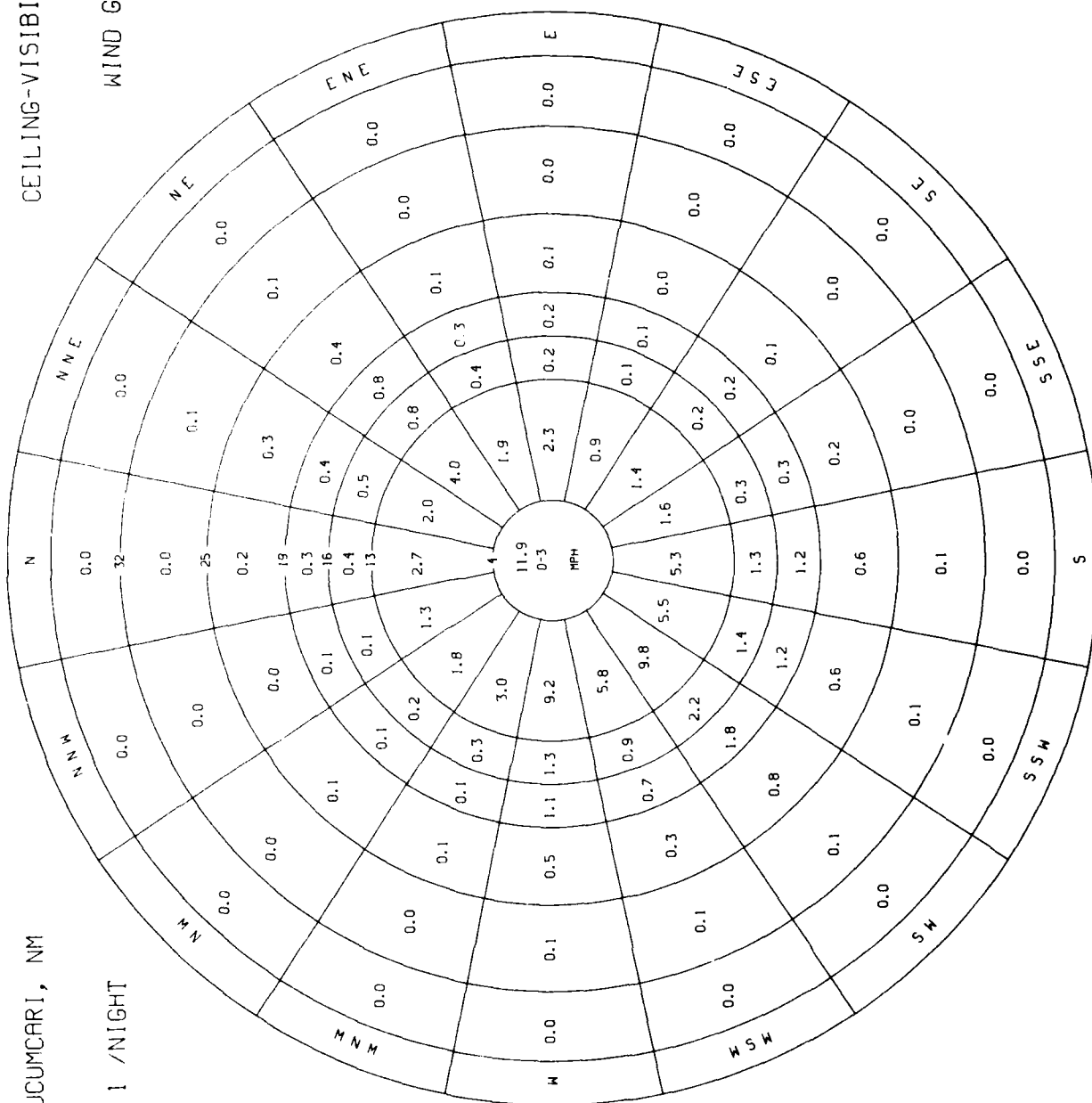
NO. OBS.: 46053

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																				AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL						
															TOTAL						
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D					
N	.1	.1	1.7	1.8	.3	.3	.3	.3	.3	.3	.1	.1	.0	.0	2.7	2.9	12.1				
NNE	.0	.1	1.5	1.6	.5	.5	.6	.6	.4	.4	.1	.1	.0	.0	3.2	3.3	13.2				
NE	.1	.1	3.2	3.4	1.2	1.2	1.1	1.1	.6	.6	.2	.2	.0	.0	6.3	6.7	12.7				
ENE	.1	.1	2.1	2.2	.6	.6	.5	.5	.2	.2	.0	.0	.0	.0	3.6	3.7	11.6				
E	.1	.1	3.2	3.3	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	4.1	4.3	9.7				
ESE	.1	.1	1.5	1.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.0	9.6				
SE	.1	.1	1.9	2.0	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.6	2.7	10.1				
SSE	.0	.1	1.4	1.5	.3	.4	.3	.3	.2	.2	.0	.0	.0	.0	2.3	2.4	11.5				
S	.1	.1	4.3	4.5	1.4	1.4	1.3	1.3	.6	.7	.1	.1	.0	.0	7.9	8.3	12.3				
SSW	.1	.1	4.5	4.8	2.1	2.2	2.4	2.5	1.2	1.3	.3	.3	.1	.1	10.6	11.2	13.9				
SW	.2	.2	6.9	7.3	3.1	3.3	3.6	3.8	2.0	2.1	.5	.6	.2	.2	16.6	17.4	14.0				
WSW	.1	.1	4.1	4.3	1.3	1.4	1.7	1.8	1.3	1.4	.5	.5	.1	.1	9.1	9.6	14.2				
W	.2	.2	6.5	6.9	1.5	1.6	1.7	1.8	1.4	1.5	.5	.5	.2	.2	12.0	12.6	13.1				
WNW	.1	.1	1.9	2.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	2.6	2.7	10.8				
NW	.1	.1	1.3	1.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.7	1.8	9.9				
NNW	.0	.0	.8	.8	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.2	1.2	10.9				
CALM	6.9	7.2													6.9	7.2					
TOTAL	8.3	8.8	46.8	49.2	13.6	14.3	14.5	15.3	8.8	9.2	2.4	2.6	.7	.7	95.2	100	11.8				

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

CLASS 1 / NIGHT

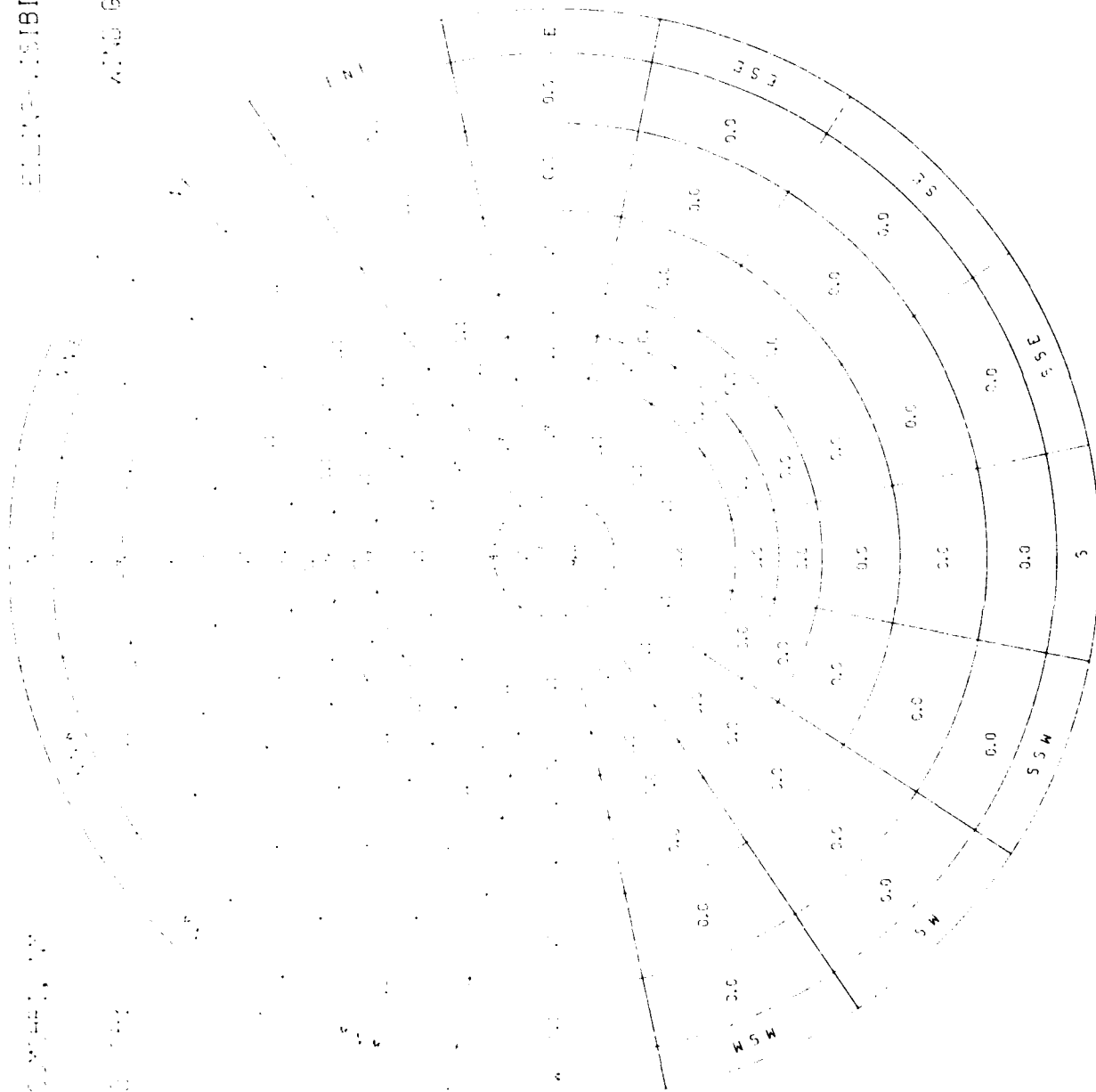
NO. OBS.: 37180

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.1	2.7	2.8	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	3.7	3.9	10.1
NNE	.1	.1	2.0	2.1	.5	.5	.4	.4	.3	.3	.1	.1	.0	.0	3.3	3.5	11.7
N	.2	.2	4.0	4.3	.8	.9	.8	.8	.4	.4	.1	.1	.0	.0	6.3	6.7	11.2
ENE	.1	.1	1.9	2.0	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	2.8	2.9	10.6
E	.1	.1	2.3	2.4	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.8	3.0	9.3
ESE	.1	.1	.9	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.2	1.3	9.6
SE	.1	.1	1.4	1.5	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.0	2.1	10.3
SSE	.1	.1	1.6	1.6	.3	.3	.3	.3	.2	.2	.0	.0	.0	.0	2.3	2.5	11.1
S	.2	.2	5.3	5.6	1.3	1.4	1.2	1.3	.6	.6	.1	.1	.0	.0	8.6	9.0	11.4
SSW	.1	.1	5.5	5.8	1.4	1.5	1.2	1.3	.6	.6	.1	.1	.0	.0	8.9	9.3	11.6
SW	.3	.3	9.8	10.3	2.2	2.3	.8	1.9	.8	.8	.1	.1	.0	.0	15.0	15.8	11.1
WSW	.1	.2	5.8	6.1	.9	.9	.7	.8	.3	.3	.1	.1	.0	.0	7.9	8.4	10.4
W	.2	.2	9.2	9.7	1.3	1.4	1.1	1.1	.5	.5	.1	.1	.0	.0	12.5	13.1	10.3
WNW	.1	.1	3.0	3.2	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.6	3.8	9.2
NW	.1	.1	1.8	1.9	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.2	2.4	9.5
NNW	.0	.0	1.3	1.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.6	1.7	9.7
ALM	10.2	10.7									.8	.8	.2	.2	94.9	100	9.6
TOTAL	11.9	12.5	58.5	61.6	10.6	11.1	8.9	9.3	4.2	4.4							

RELATIVE VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TOLSON AFB, NM

CLASS: 2 / 24

NO. OBS.: 2323

STATION NUMBER: 23148

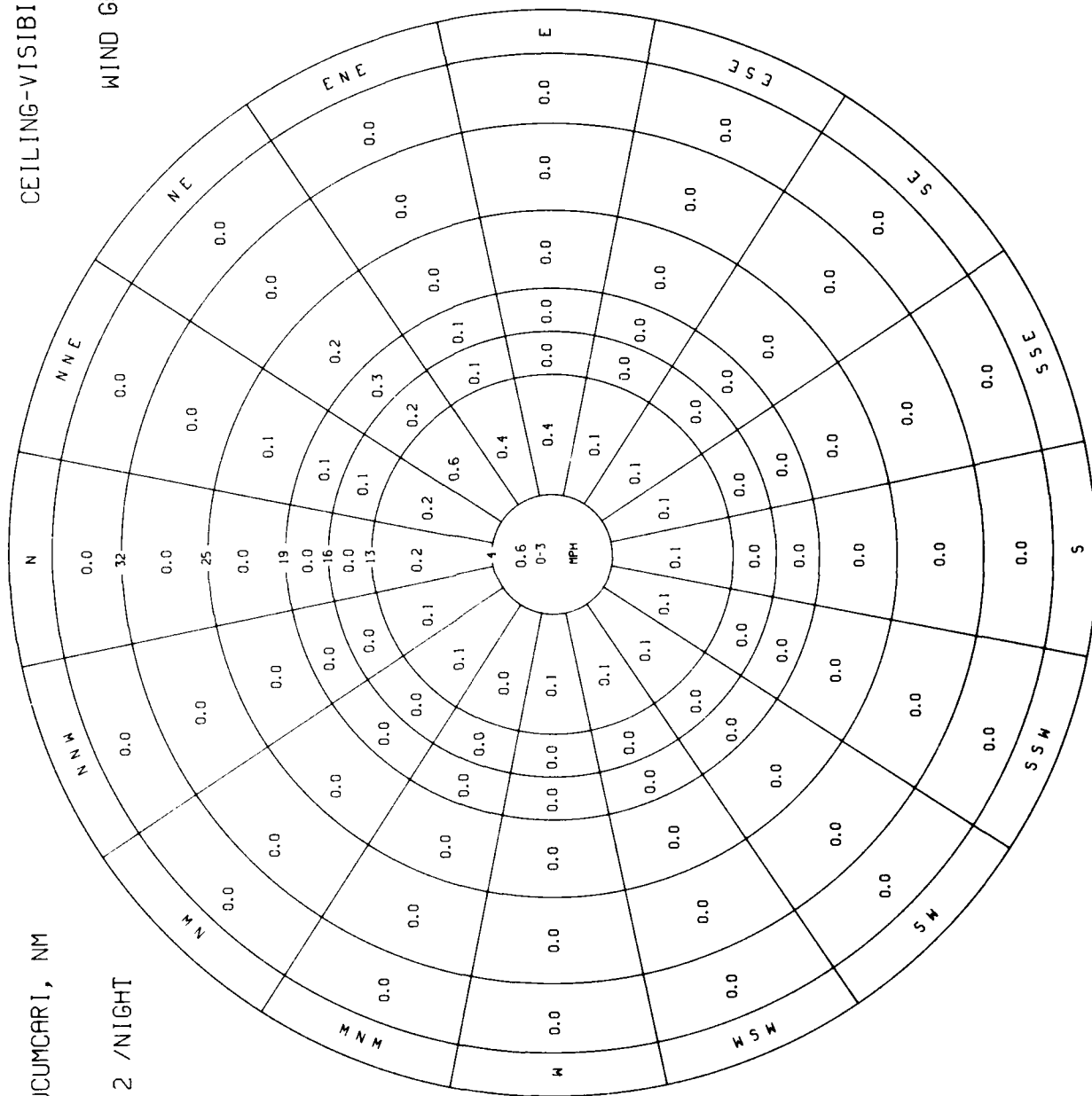
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.1	2.7	.0	.8	.0	1.0	.1	1.1	.0	.2	.0	.2	.3 6.0
NNE	.0	.0	.2	4.3	.1	1.5	.1	2.2	.1	1.2	.0	.6	.0	.0	.5 9.9
NE	.0	.4	.6	1.9	.2	5.0	.2	4.4	.1	1.9	.0	.6	.0	.1	1.2 24.3
ENE	.0	.2	.3	6.5	.1	2.7	.1	1.8	.0	.7	.0	.1	.0	.0	.6 11.9
E	.0	.3	.3	7.0	.1	1.2	.0	.4	.0	.2	.0	.0	.0	.0	.4 9.2
ESE	.0	.2	.1	2.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2 3.1
SSE	.0	.2	.1	2.0	.0	.4	.0	.4	.0	.1	.0	.0	.0	.0	.1 3.1
S	.0	.0	.1	1.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
SSW	.0	.1	.2	3.8	.0	.8	.0	.6	.0	.4	.0	.0	.0	.0	.3 5.8
SW	.0	.0	.1	2.1	.0	.6	.0	.9	.0	.3	.0	.1	.0	.1	.2 4.0
WSW	.0	.0	.1	2.0	.0	.1	.0	.6	.0	.3	.0	.2	.0	.1	.2 3.9
W	.0	.1	.1	1.4	.0	.1	.0	.1	.0	.2	.0	.1	.0	.4	.1 1.9
WNW	.0	.0	.0	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.7
NW	.0	.0	.0	.8	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0 .9
NNW	.0	.0	.0	.8	.0	.2	.0	.4	.0	.1	.0	.2	.0	.4	.1 1.2
CALM	.4	8.0													.1 2.1
TOTAL	.5	9.8	2.4	50.6	.7	15.1	.6	13.1	.3	6.8	.1	2.7	.1	1.9	4.8 100

CEILING-VISIBILITY

WIND GRAPH

TCC TUCUMCARI, NM

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCC TUCUMCARI, NM

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23048

NO. OBS.: 1992

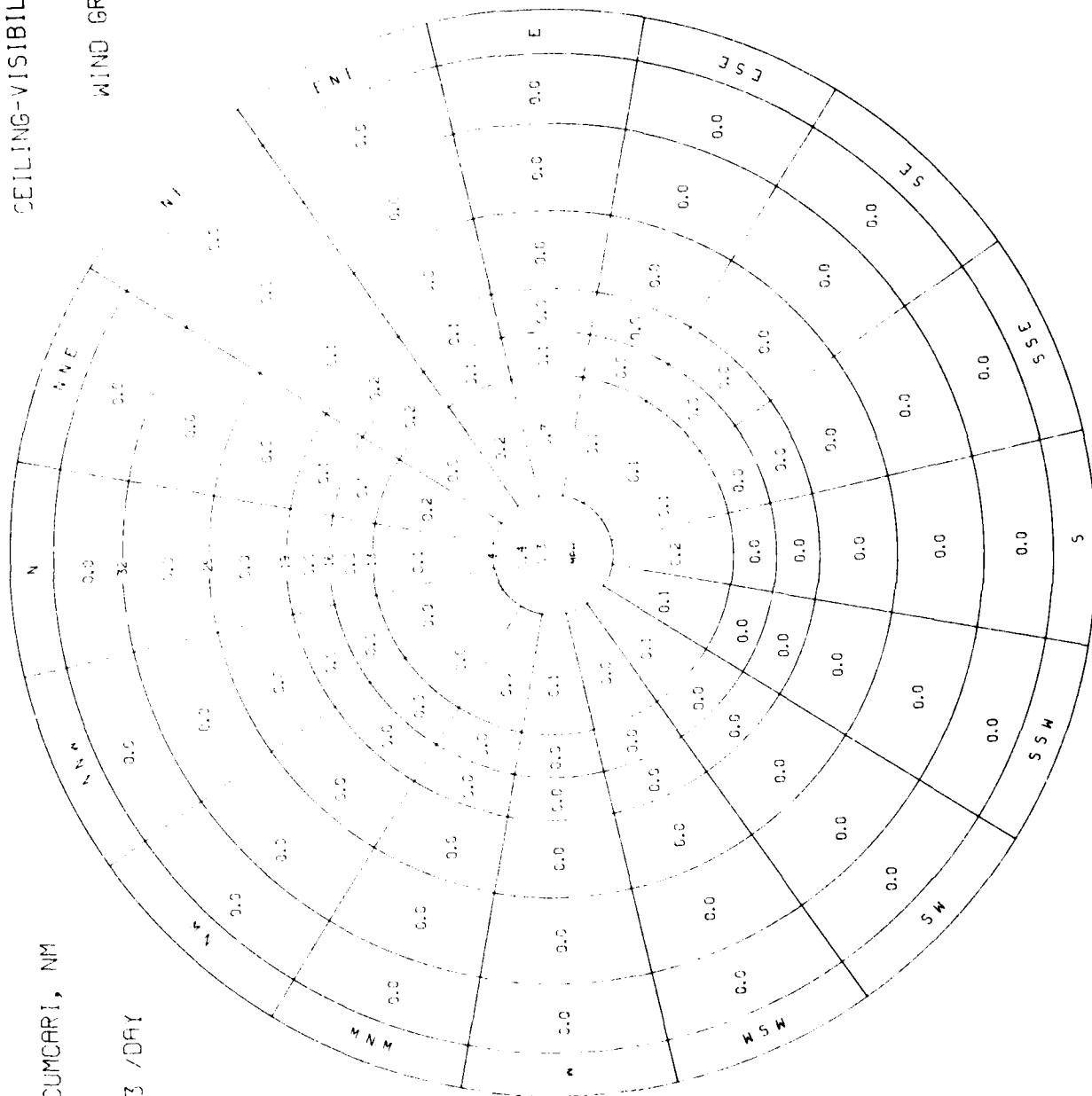
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.1	.2	3.1	.0	.8	.0	.9	.0	.4	.0	.2	.0	.1	.3 5.3 12.4
NNE	.0	.1	.2	4.5	.1	1.5	.1	2.4	.1	1.3	.0	.2	.0	.1	.5 9.9 13.5
NE	.0	.3	.6	12.2	.2	4.1	.3	6.1	.2	3.6	.0	.4	.0	.1	1.4 26.8 13.5
ENE	.0	.1	.4	7.8	.1	2.2	.1	1.7	.0	.5	.0	.0	.0	.1	.6 12.3 11.5
E	.0	.2	.4	7.1	.0	.9	.0	.5	.0	.1	.0	.1	.0	.0	.4 8.8 9.7
ESE	.0	.2	.1	1.9	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1 2.1 8.9
SE	.0	.2	.1	1.7	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1 2.3 9.0
SSE	.0	.1	.1	1.6	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.1 2.0 9.8
S	.0	.1	.1	2.9	.0	.5	.0	.4	.0	.1	.0	.0	.0	.0	.2 3.9 9.9
SSH	.0	.1	.1	1.9	.0	.7	.0	.6	.0	.3	.0	.1	.0	.0	.2 3.5 12.8
SW	.0	.2	.1	2.9	.0	.6	.0	.9	.0	.2	.0	.1	.0	.1	.3 5.0 12.0
WSW	.0	.0	.1	1.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1 1.3 8.8
W	.0	.1	.1	1.5	.0	.1	.0	.2	.0	.1	.0	.1	.0	.1	.1 2.0 10.8
WNW	.0	.0	.0	.9	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1 1.0 9.0
NW	.0	.2	.1	1.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1 1.5 9.0
NNW	.0	.1	.1	1.3	.0	.3	.0	.2	.0	.2	.0	.1	.0	.1	.1 2.2 12.1
CALM	.5	10.2													.5 10.2
TOTAL	.6	11.9	2.7	53.2	.6	12.3	.7	14.1	.3	6.8	.1	1.3	.0	.4	5.1 100 10.7

CEILING-VISIBILITY

WIND GRAPH

TOC TUCUMCARI, NM

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCC TUCUMCARI, NM

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 23048

NO. OBS.: 1909

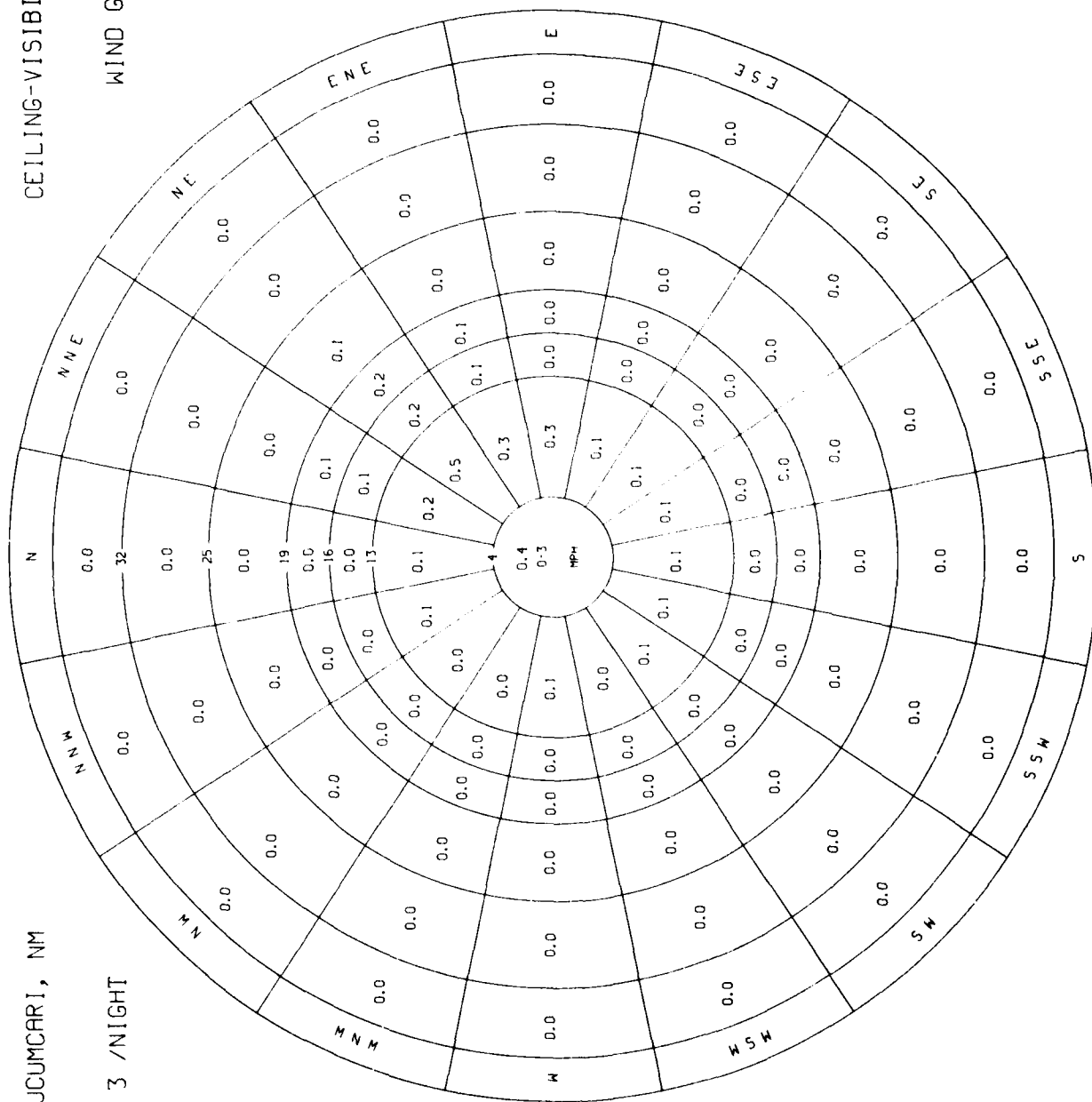
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.1	.1	2.5	.0	.7	.0	1.0	.0	.9	.0	.2	.0	.1	.2 5.4
NNE	.0	.1	.2	4.7	.1	1.4	.1	1.8	.0	1.2	.0	.5	.0	.0	.4 9.6
NE	.0	.4	.5	11.7	.2	4.7	.2	4.0	.1	1.8	.0	.5	.0	.1	.9 23.3
ENE	.0	.2	.2	6.3	.1	2.3	.1	1.6	.0	.6	.0	.0	.0	.0	.4 10.9
E	.0	.4	.3	7.4	.1	1.4	.0	.4	.0	.2	.0	.0	.0	.0	.4 9.9
ESE	.0	.2	.1	2.3	.0	.4	.0	.2	.0	.1	.0	.1	.0	.1	.1 3.2
SE	.0	.2	.1	2.1	.0	.5	.0	.5	.0	.1	.0	.0	.0	.0	.1 3.4
SSE	.0	.1	.1	1.6	.0	.7	.0	.0	.0	.0	.0	.1	.0	.0	.1 2.4
S	.0	.1	.2	4.3	.0	1.0	.0	.7	.0	.5	.0	.0	.0	.0	.3 6.7
SSW	.0	.0	.1	2.4	.0	.7	.0	1.0	.0	.3	.0	.2	.0	.1	.2 4.7
SW	.0	.1	.1	2.2	.0	.8	.0	.7	.0	.4	.0	.2	.0	.1	.2 4.4
WSW	.0	.1	.0	1.2	.0	.1	.0	.1	.0	.2	.0	.2	.0	.5	.1 2.2
W	.0	.2	.1	1.5	.0	.1	.0	.1	.0	.3	.0	.3	.0	.4	.1 2.6
WNW	.0	.0	.0	.6	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.0 .9
NW	.0	.0	.0	.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0 1.0
NNW	.0	.1	.0	.8	.0	.2	.0	.4	.0	.0	.0	.1	.0	.4	.1 1.9
CALM	.3	7.4													.3 7.4
TOTAL	.4	9.3	2.1	52.2	.6	15.2	.5	12.7	.3	6.7	.1	2.3	.1	1.5	3.9 100

CEILING-VISIBILITY

WIND GRAPH

ICC TUCUMCARI, NM

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

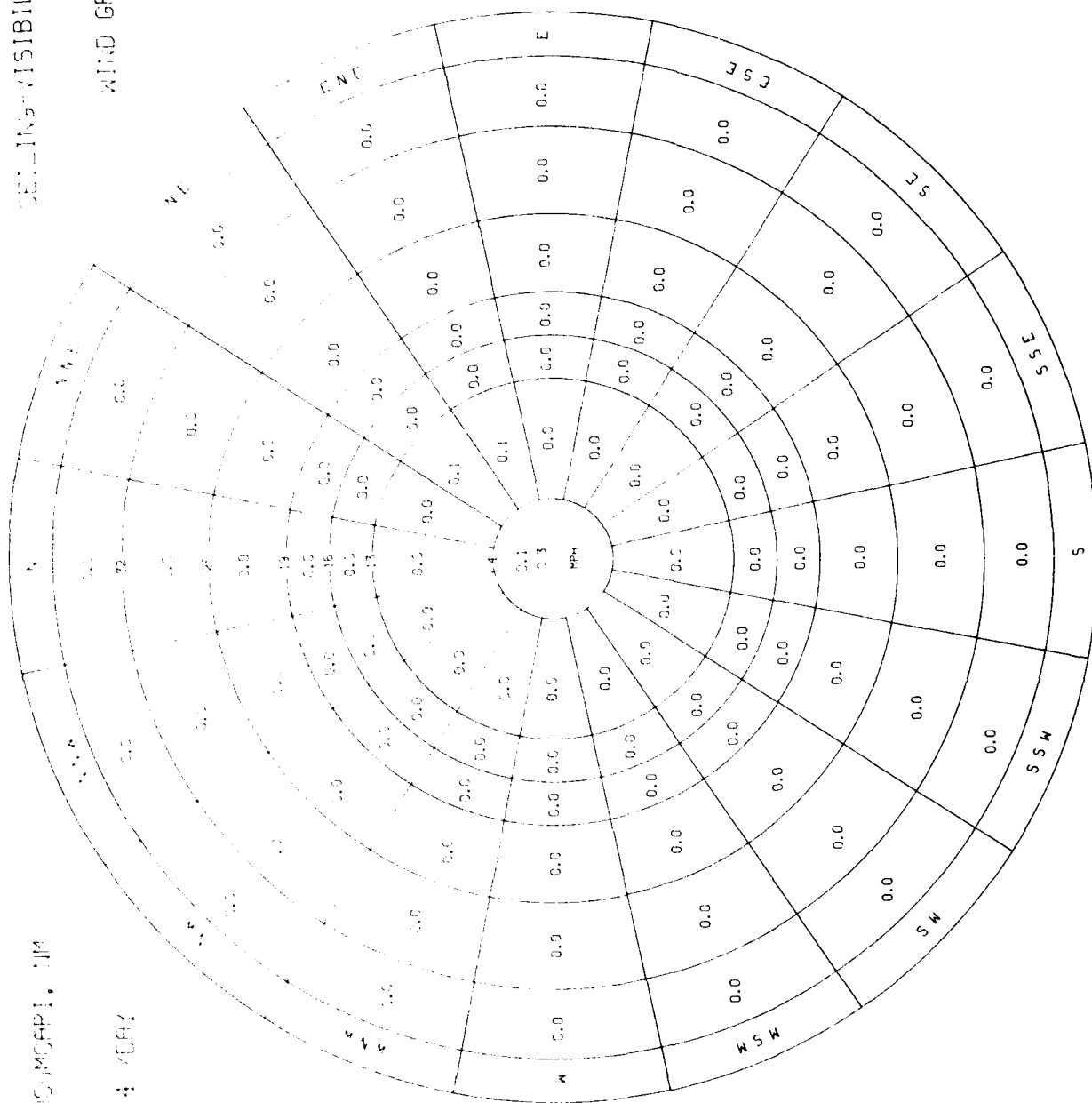
CLASS 3 / NIGHT

NO. OBS.: 1545

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.1	2.8	.0	.8	.0	.6	.0	.3	.0	.1	.0	.1	.2	4.7	12.2
NNE	.0	.1	.2	4.7	.1	1.4	.1	2.3	.0	1.0	.0	.1	.0	.1	.4	9.6	13.3
NE	.0	.3	.5	11.9	.2	4.3	.2	6.2	.1	3.1	.0	.3	.0	.1	1.0	26.2	13.3
ENE	.0	.1	.3	7.5	.1	2.7	.1	1.8	.0	.5	.0	.0	.0	.1	.5	12.6	11.8
E	.0	.1	.3	7.0	.0	.8	.0	.5	.0	.1	.0	.1	.0	.0	.3	8.5	10.0
ESE	.0	.2	.1	2.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	2.3	9.1
SE	.0	.1	.1	1.6	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1	2.3	9.6
SSE	.0	.1	.1	1.9	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.1	2.5	10.1
S	.0	.1	.1	3.4	.0	.6	.0	.5	.0	.1	.0	.0	.0	.0	.2	4.7	10.0
SSW	.0	.1	.1	2.2	.0	.8	.0	.7	.0	.3	.0	.1	.0	.0	.2	4.3	13.0
SW	.0	.1	.1	3.4	.0	.8	.0	1.2	.0	.3	.0	.1	.0	.1	.2	6.0	12.6
WSW	.0	.0	.0	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.3	8.8
W	.0	.0	.1	1.5	.0	.1	.0	.2	.0	.1	.0	.1	.0	.1	.1	2.1	11.1
WNW	.0	.0	.0	.8	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.9	9.8
NW	.0	.1	.0	.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2	9.3
NNW	.0	.1	.1	1.6	.0	.3	.0	.1	.0	.1	.0	.1	.0	.1	.1	2.4	11.3
CALM	.3	8.5													.3	8.5	
TOTAL	.4	10.0	2.1	54.1	.5	13.7	.6	14.6	.2	6.0	.0	1.2	.0	.5	3.9	100	11.0

CELLING-VISIBILITY WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUCUMCARI, NM

CLASS 4 / DAY

NO. OBS.: 289

STATION NUMBER: 23548

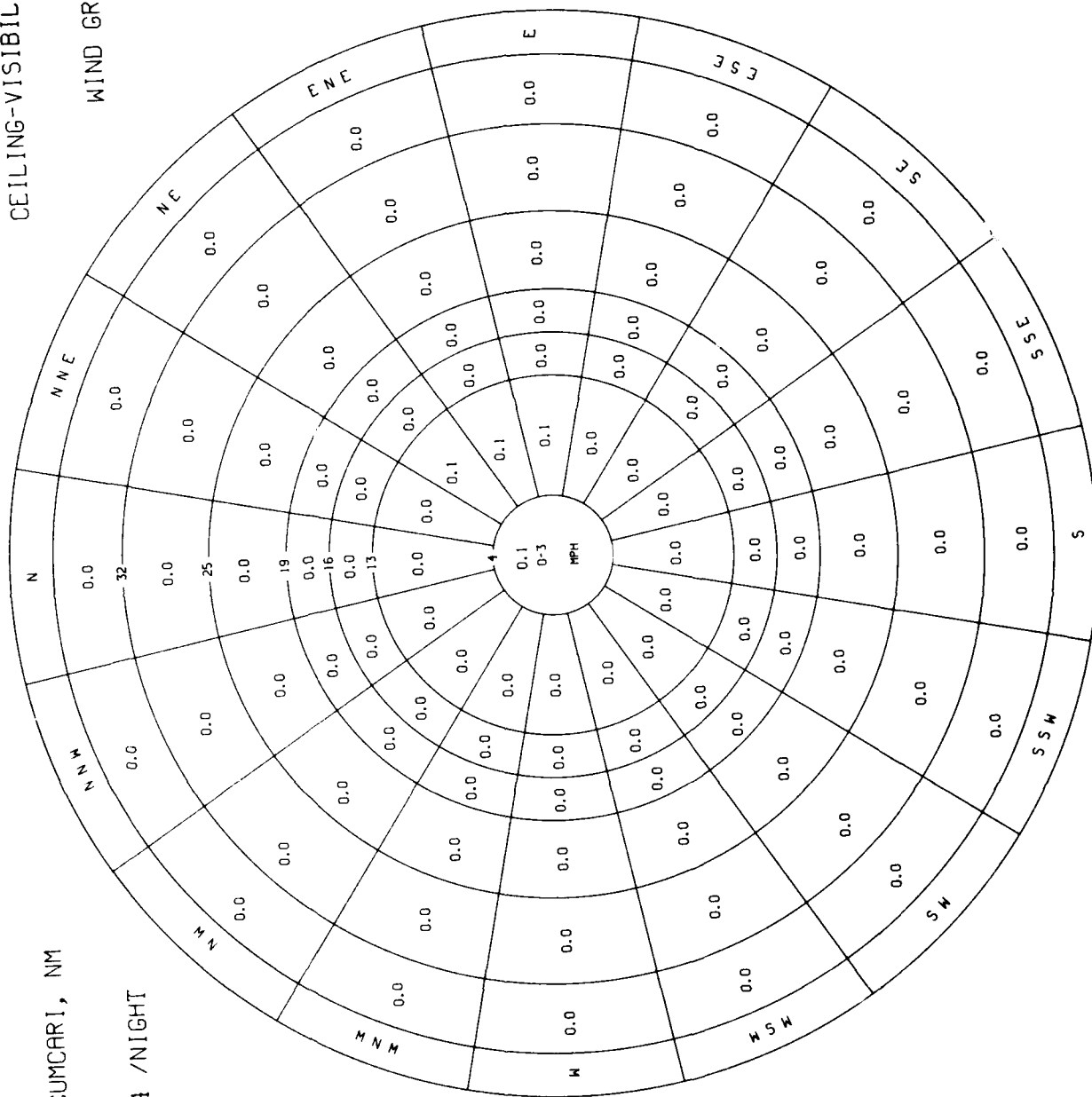
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
																A	B	
																		C
N	.0	.0	.0	3.5	.0	.7	.0	.0	.0	1.0	.0	.0	.0	1.0	.0	6.2	15.9	
NNE	.0	.0	.0	4.2	.0	2.1	.0	4.2	.0	1.4	.0	.3	.0	.0	.0	.0	12.1	14.6
NE	.0	.3	.1	14.2	.0	6.6	.0	6.6	.0	2.4	.0	.0	.0	.0	.0	.3	30.4	12.9
ENE	.0	.3	.1	8.7	.0	5.5	.0	3.8	.0	1.0	.0	.3	.0	.0	.0	.0	19.7	12.7
E	.0	.0	.0	6.2	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	7.3	9.7
ESE	.0	.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.1
SE	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.4
SSE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.0
S	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	11.9
SSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.0
SW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	25.7
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	20.5
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.7	19.4
WNW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
NW	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	12.0
NNW	.0	.0	.0	1.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	2.8	21.0
CALM	.0	8.3														.0	8.3	
TOTAL	.1	10.4	.3	46.7	.1	15.2	.1	15.6	.0	6.6	.0	2.8	.0	2.8	.0	.6	100	12.2

CEILING-VISIBILITY

WIND GRAPH

TCC TUCUMCARI, NM

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

CLASS 4 / NIGHT

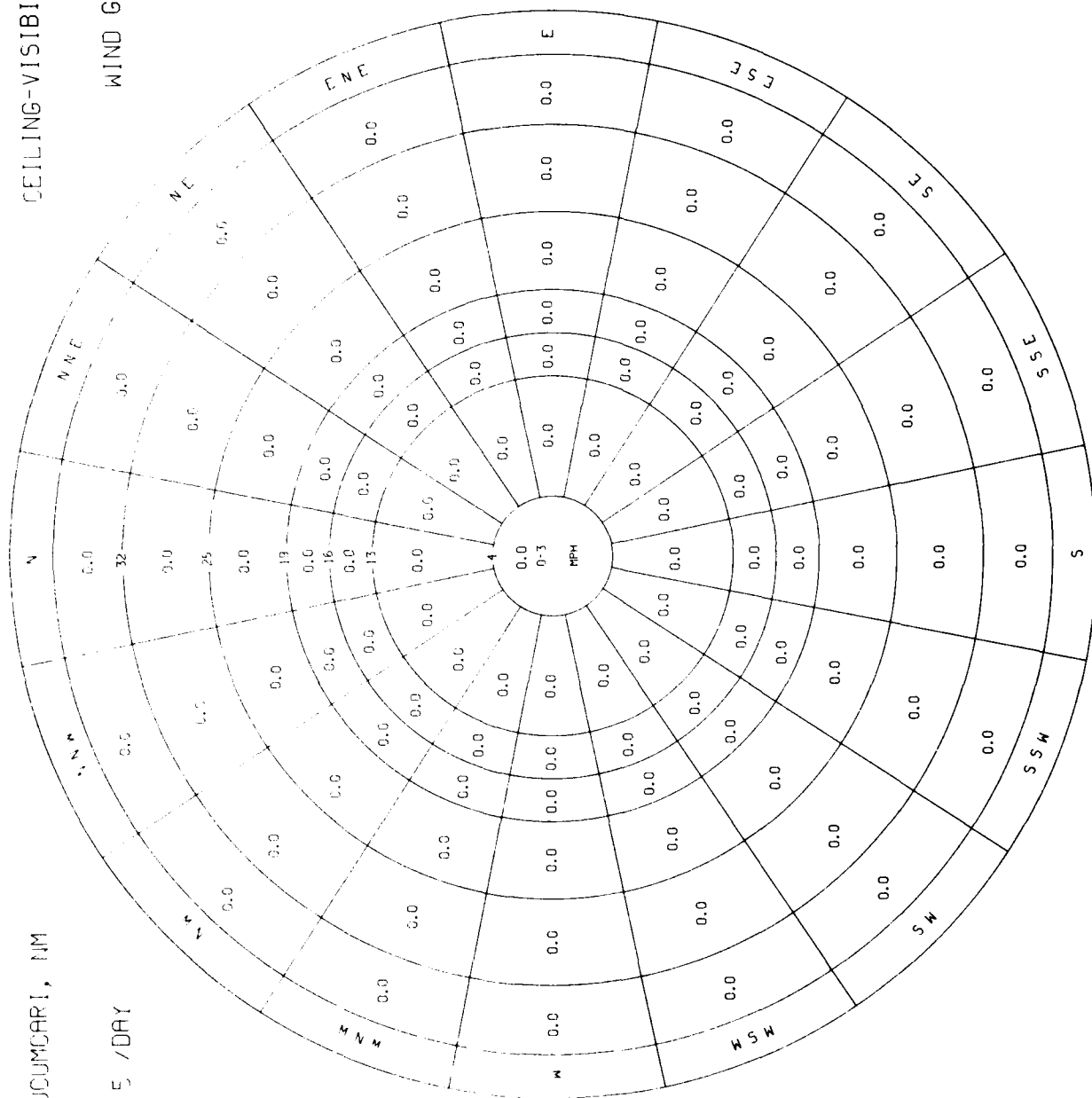
NO. OBS.: 272

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C		D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.4	.0	3.7	.0	.7	.0	1.8	.0	.4	.0	.7	.0	.0	.1	7.7	13.7
NNE	.0	.4	.0	5.1	.0	2.6	.0	2.2	.0	1.8	.0	.4	.0	.0	.1	12.5	13.3
NNE	.0	.0	.1	13.2	.0	5.1	.0	6.3	.0	6.6	.0	.7	.0	.0	.2	32.0	14.3
ENE	.0	.0	.1	10.3	.0	.0	.0	1.5	.0	.4	.0	.0	.0	.0	.1	12.1	10.1
E	.0	.0	.1	7.7	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.1	10.3	9.8
ESE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.3
SE	.0	.4	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.2
SSE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0
S	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	9.5
SSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.5
SW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.4
WSW	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	1.1	11.3
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.3
WNW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7
NW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	12
NNW	.0	.4	.0	.7	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	1.8	14.6
CALM	.0	.0	.0	.4	.0	.7	.0	.4	.0	.4	.0	.0	.0	.0	.1	9.9	10.8
TOTAL	.1	12.5	.4	51.5	.1	11.4	.1	12.5	.1	10.3	.0	1.8	.0	.0	.7	100	

TOC TUCUMCARI, NM

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

CLASS 5 / DAY

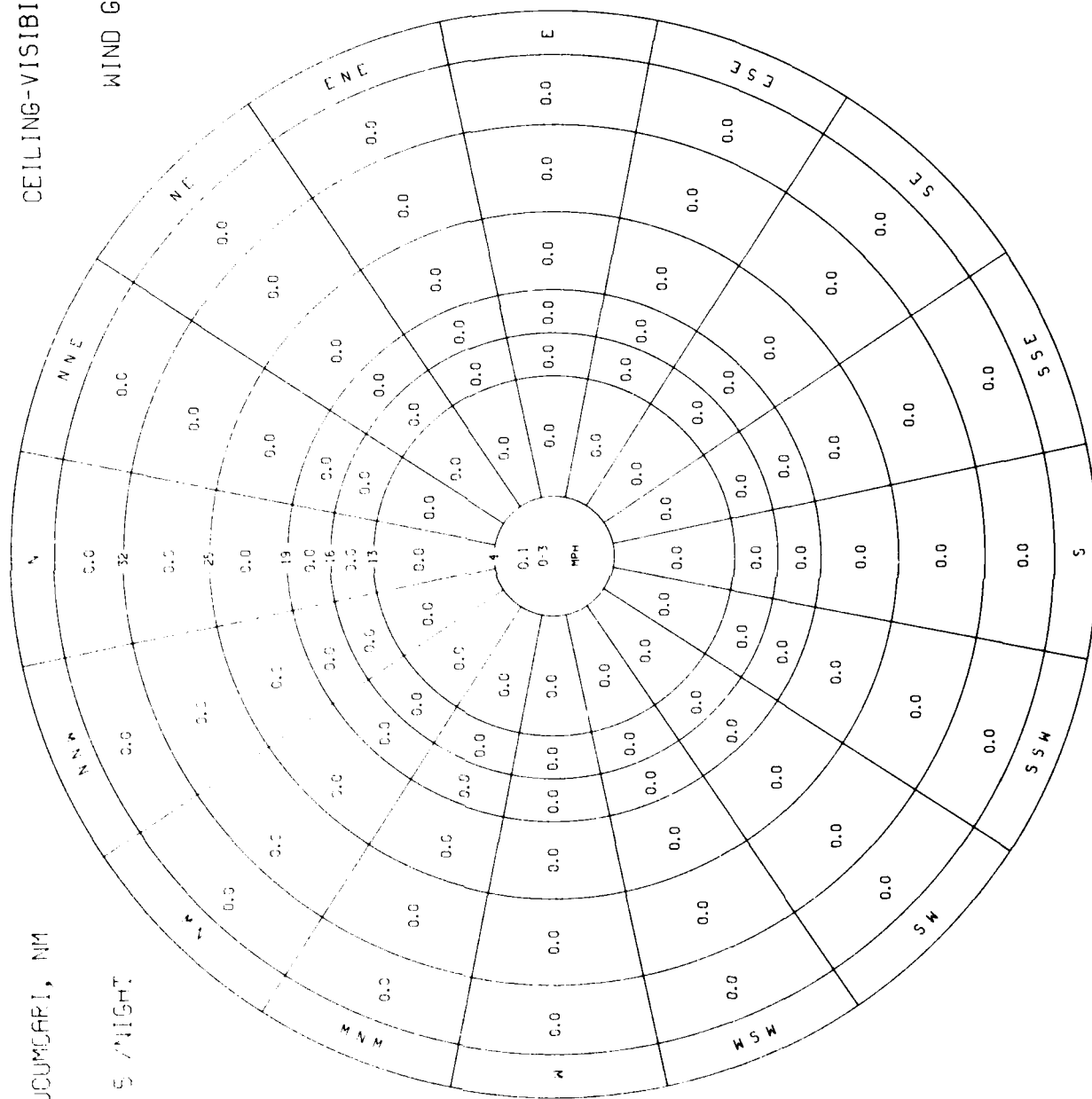
NO. OBS.: 67

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	4.5	.0	3.0	.0	1.5	.0	4.5	.0	.0	.0	.0	.0	13.4	14.9
NNE	.0	.0	.0	.0	.0	.0	.0	4.5	.0	1.5	.0	.0	.0	.0	1.5	.0	21.2
NE	.0	.0	.0	11.9	.0	6.0	.0	7.5	.0	4.5	.0	1.5	.0	.0	.0	31.3	14.4
ENE	.0	.0	.0	6.0	.0	4.5	.0	.0	.0	1.5	.0	1.5	.0	.0	.0	13.4	13.6
E	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	10.0
ESE	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.0
SE	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	25.5
WSW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.0
W	.0	.0	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	1.5	.0	1.5	.0	6.0	20.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	9.0
NNW	.0	.0	.0	.0	.0	.0	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	4.5	26.0
CALM	.0	10.4														10.4	13.9
TOTAL	.0	10.4	.0	35.8	.0	14.9	.0	14.9	.0	13.4	.0	4.5	.0	6.0	.1	100	

TCC TUCUMCARI, NM

CLASS NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUCUMCARI, NM

CLASS: / N13-7

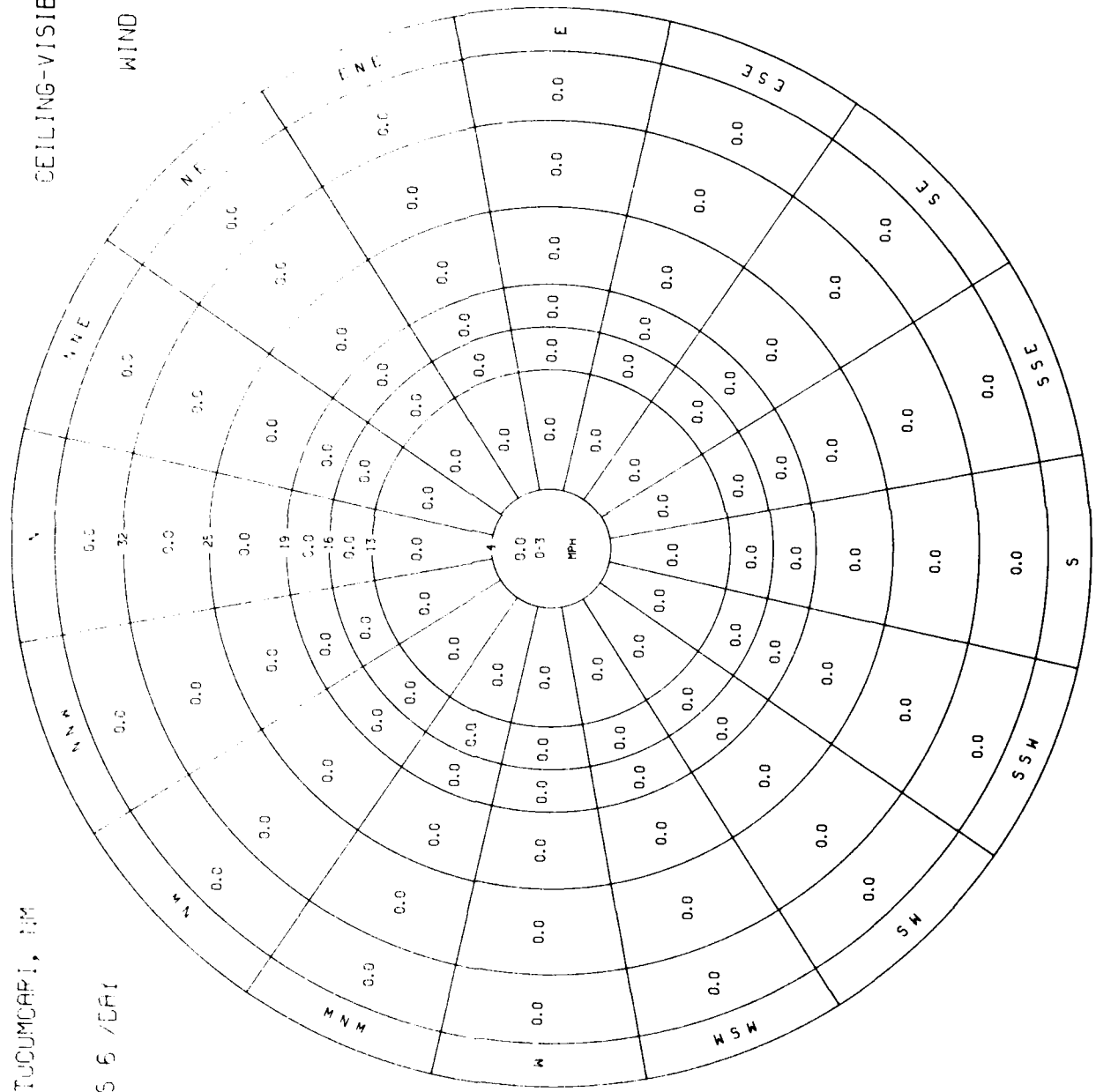
NO. OBS.: 98

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	5.1	.0	.0	.0	1.0	.0	2.0	.0	.0	.0	.0	.0 8.2
NNE	.0	.0	.0	3.1	.0	1.0	.0	5.1	.0	2.0	.0	.0	.0	.0	.0 11.2
NNE	.0	1.0	.0	13.3	.0	1.0	.0	6.1	.0	2.0	.0	1.0	.0	.0	.1 24.5
ENE	.0	.0	.0	8.2	.0	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0 12.2
E	.0	1.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.2
ESE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
S	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
SSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
W	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NW	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.1
NNW	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0 2.0
CALM	.0	19.4													.0 19.4
TOTAL	.1	22.4	.1	50.0	.0	4.1	.0	13.3	.0	9.2	.0	1.0	.0	.0	.3 100
															9.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

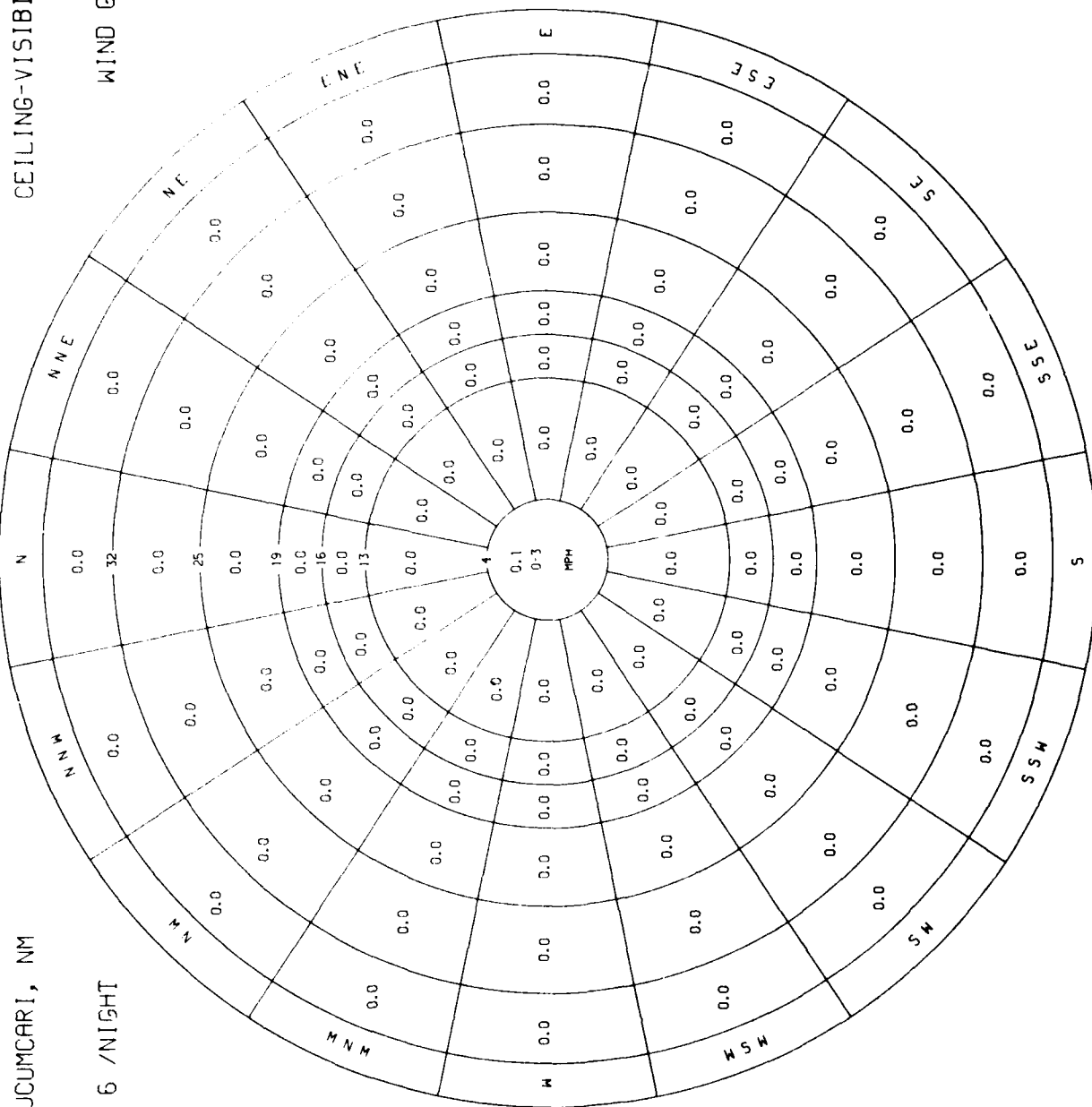
CLASS 6 / DAY

NO. OBS.: 58

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															A	B	
N	.0	.0	.0	3.4	.0	1.7	.0	6.9	.0	1.7	.0	.0	.0	15.5	16.4		
NNE	.0	.0	.0	.0	.0	1.7	.0	1.7	.0	1.7	.0	6.9	.0	.0	.0	12.1	23.6
NE	.0	.0	.0	6.9	.0	3.4	.0	3.4	.0	.0	.0	3.4	.0	.0	.0	17.2	15.4
ENE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.5
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.5
ESE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.5
SE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	12.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.2	17.7
WNW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0
NW	.0	.0	.0	3.4	.0	1.7	.0	.0	.0	.0	.0	1.7	.0	.0	.0	6.9	14.2
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	1.7	3.4	30.0
CALM	.0	22.4													.0	22.4	
TOTAL	.0	22.4	.0	34.5	.0	8.6	.0	12.1	.0	5.2	.0	13.8	.0	3.4	.1	100	12.2

CEILING-VISIBILITY
WIND GRAPH



TCC TUCUMCARI, NM
CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCC TUCUMCARI, NM

PERIOD: 1949-1978

CLASS 6 / NIGHT

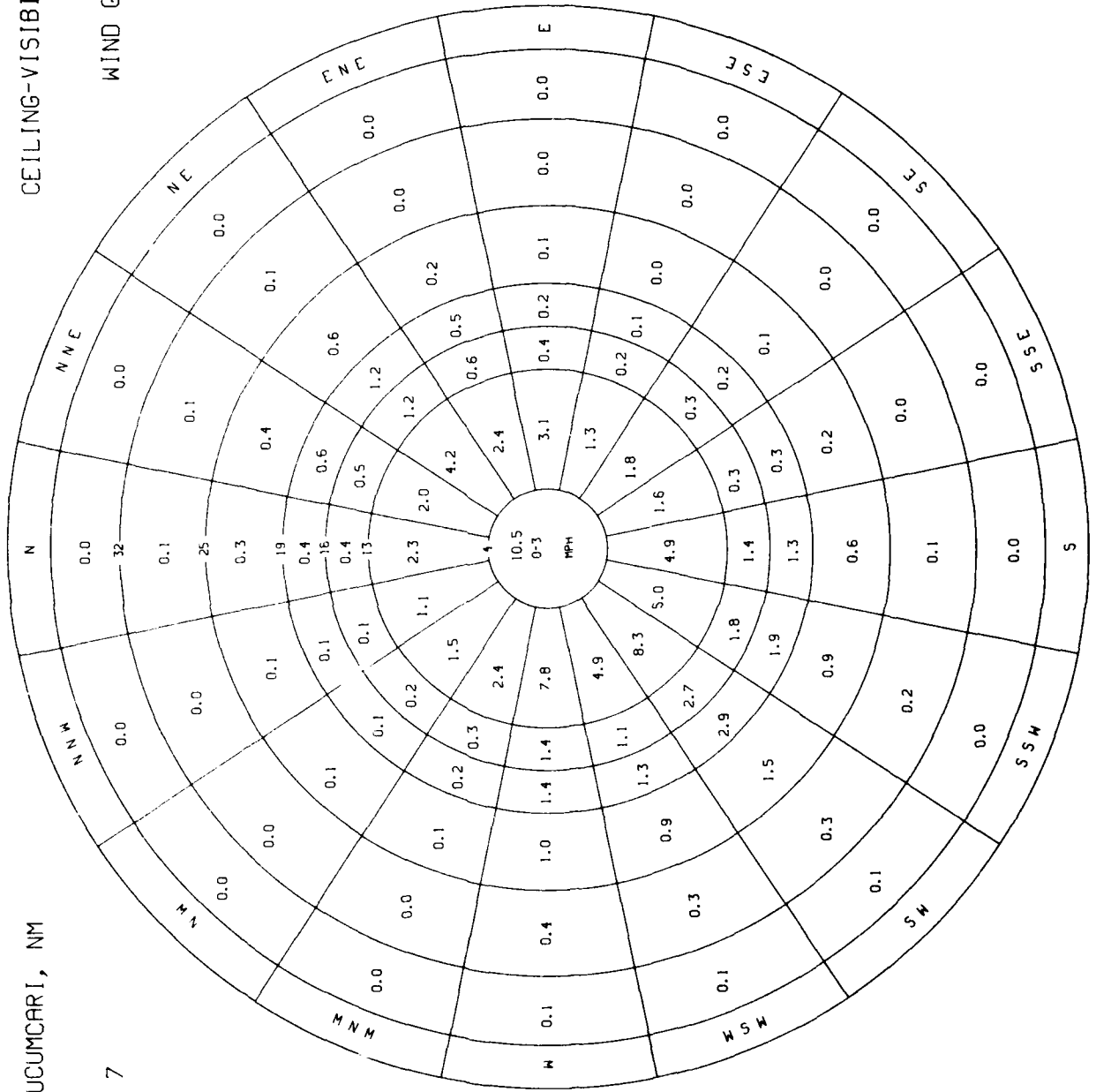
STATION NUMBER: 23048

NO. OBS.: 77

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.0	.0	3.9	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	6.5		
NNE	.0	.0	.0	1.3	.0	.0	.0	1.3	.0	2.6	.0	.0	.0	.0	5.2		
NE	.0	.0	.0	14.3	.0	.0	.0	3.9	.0	3.9	.0	.0	.0	.0	22.1		
ENE	.0	.0	.0	3.9	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	6.5		
E	.0	1.3	.0	7.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1		
ESE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6		
SE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3		
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
S	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3		
SSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3		
SW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6		
WSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3		
W	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	2.6		
WNW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6		
NW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3		
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	.1	33.8												.1	33.8		
TOTAL	.1	36.4	.1	45.5	.0	.0	.0	10.4	.0	6.5	.0	1.3	.0	.0	2		
															100		
															7.1		

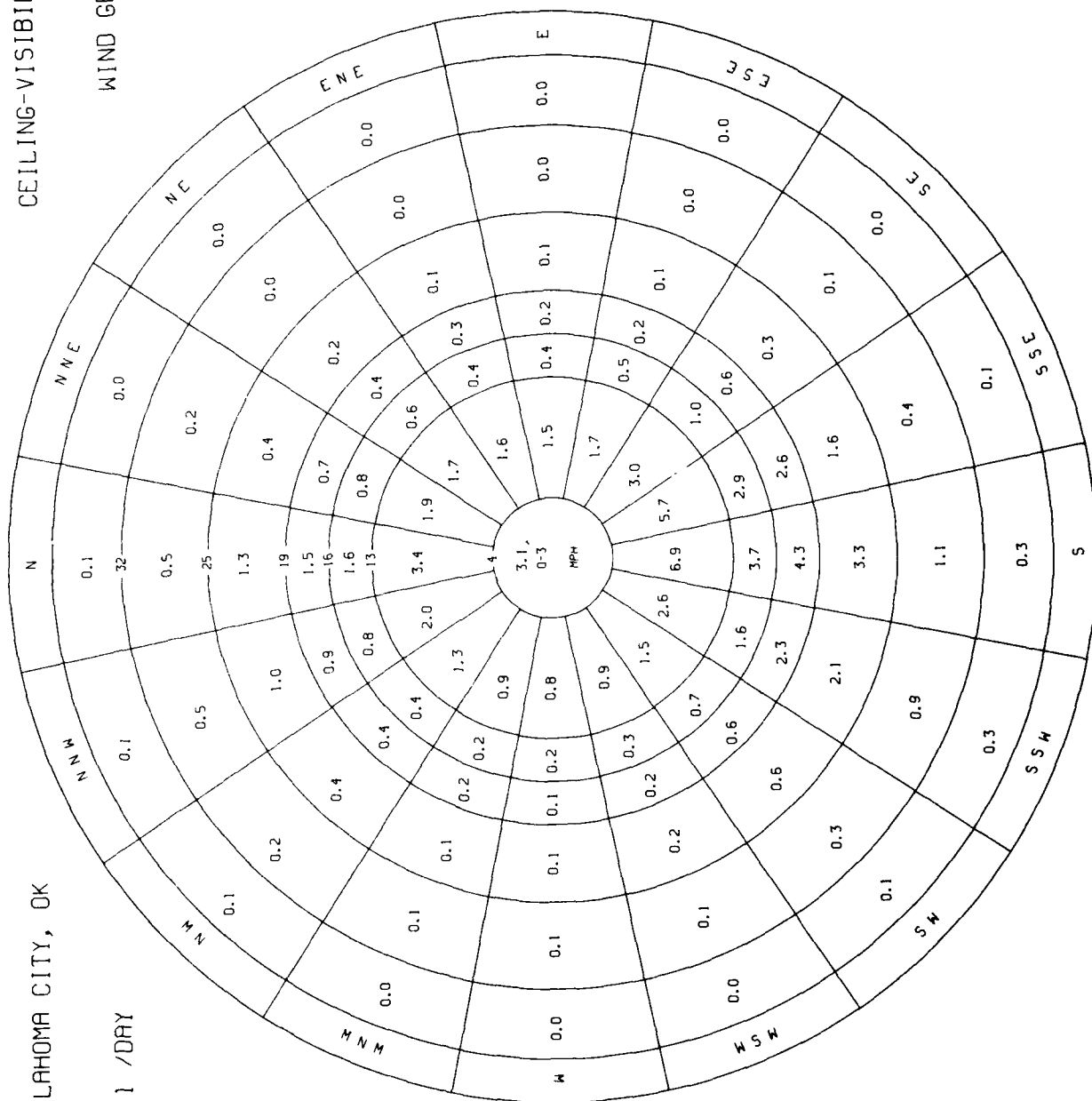
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH



PRECEDING PAGE BLANK-NOT FIL

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 1 / DAY

NO. OBS.: 43979

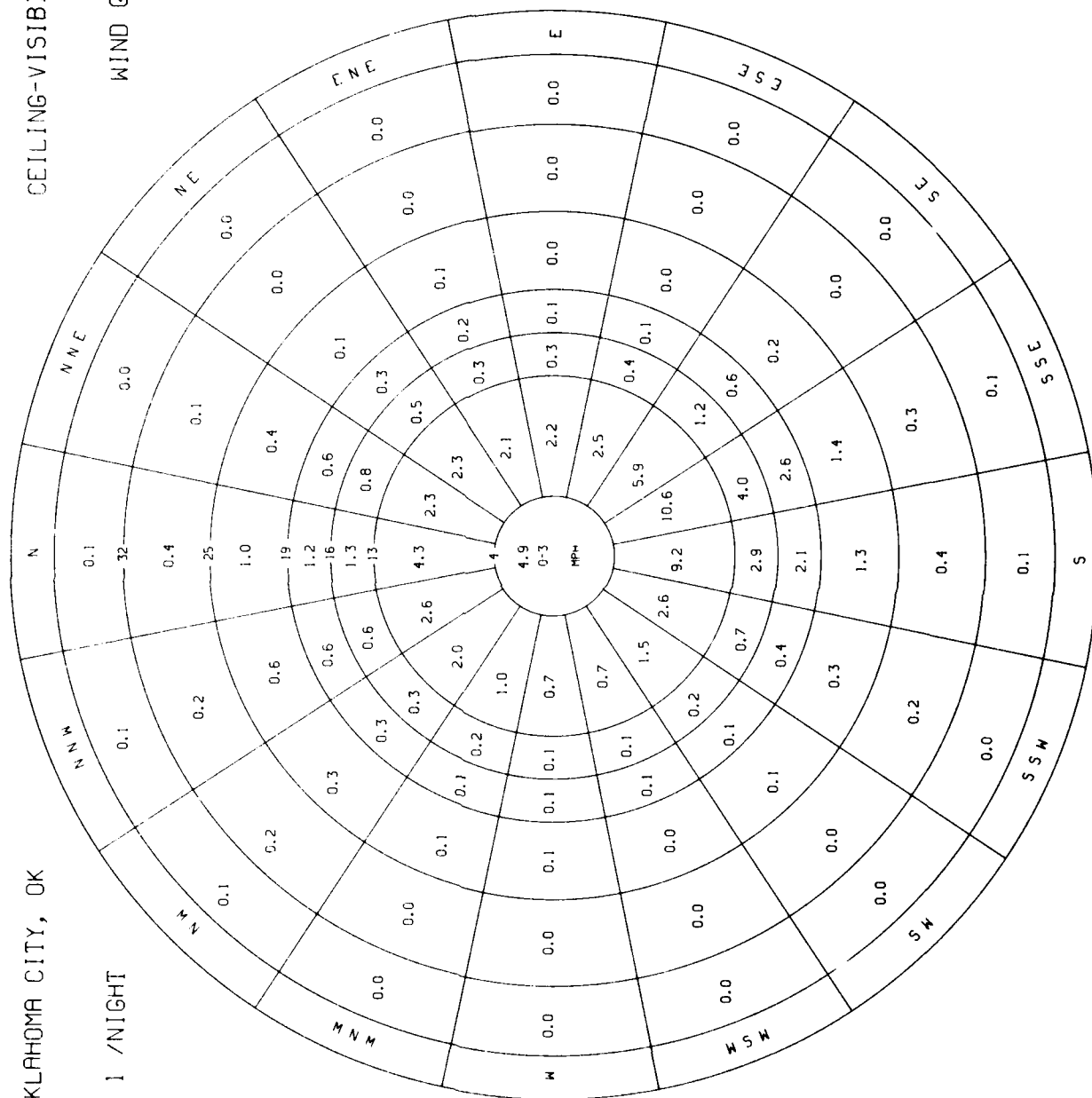
STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.2	.2	3.4	3.8	1.6	1.8	1.5	1.7	1.3	1.5	.5	.6	.1	.1	8.7	9.7	14.4
NNE	.1	.1	1.9	2.1	.8	.9	.7	.8	.4	.5	.2	.2	.0	.0	4.1	4.5	13.3
NE	.1	.1	1.7	1.9	.6	.7	.4	.5	.2	.2	.0	.0	.0	.0	3.1	3.5	11.6
ENE	.1	.1	1.6	1.8	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	2.5	2.8	10.9
E	.2	.2	1.5	1.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.3	2.5	9.9
ESE	.1	.1	1.7	1.9	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	2.6	2.9	10.6
SE	.2	.2	3.0	3.4	1.0	1.1	.6	.7	.3	.4	.1	.1	.0	.0	5.2	5.8	11.6
SSE	.2	.2	5.7	6.3	2.9	3.2	2.6	2.9	1.6	1.8	.4	.5	.1	.1	13.4	15.0	13.9
S	.2	.3	6.9	7.7	3.7	4.2	4.3	4.8	3.3	3.7	1.1	1.2	.3	.3	19.9	22.2	15.1
SSW	.1	.2	2.6	3.0	1.6	1.8	2.3	2.5	2.1	2.4	.9	1.1	.3	.3	10.0	11.2	16.7
SW	.1	.2	1.5	1.7	.7	.8	.6	.7	.6	.6	.3	.3	.1	.1	3.9	4.3	14.4
WSW	.1	.1	.9	1.0	.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	1.7	1.9	12.8
W	.1	.1	.8	.9	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	1.3	1.5	10.6
WNW	.1	.1	.9	1.0	.2	.3	.2	.2	.1	.1	.1	.1	.0	.1	1.6	1.8	12.5
NW	.1	.1	1.3	1.5	.4	.4	.4	.4	.4	.5	.2	.3	.1	.1	2.9	3.2	14.1
NNW	.1	.1	2.0	2.2	.8	.9	.9	1.0	1.0	1.1	.5	.6	.1	.2	5.4	6.0	15.6
CALM	1.0	1.1													1.0	1.1	
TOTAL	3.1	3.5	37.5	41.8	16.0	17.9	15.4	17.2	12.0	13.3	4.5	5.0	1.2	1.3	89.6	100	13.9

OKC OKLAHOMA CITY, OK

CEILING-VISIBILITY

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DFC OKLAHOMA CITY, OK

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 13967

NO. OBS.: 36993

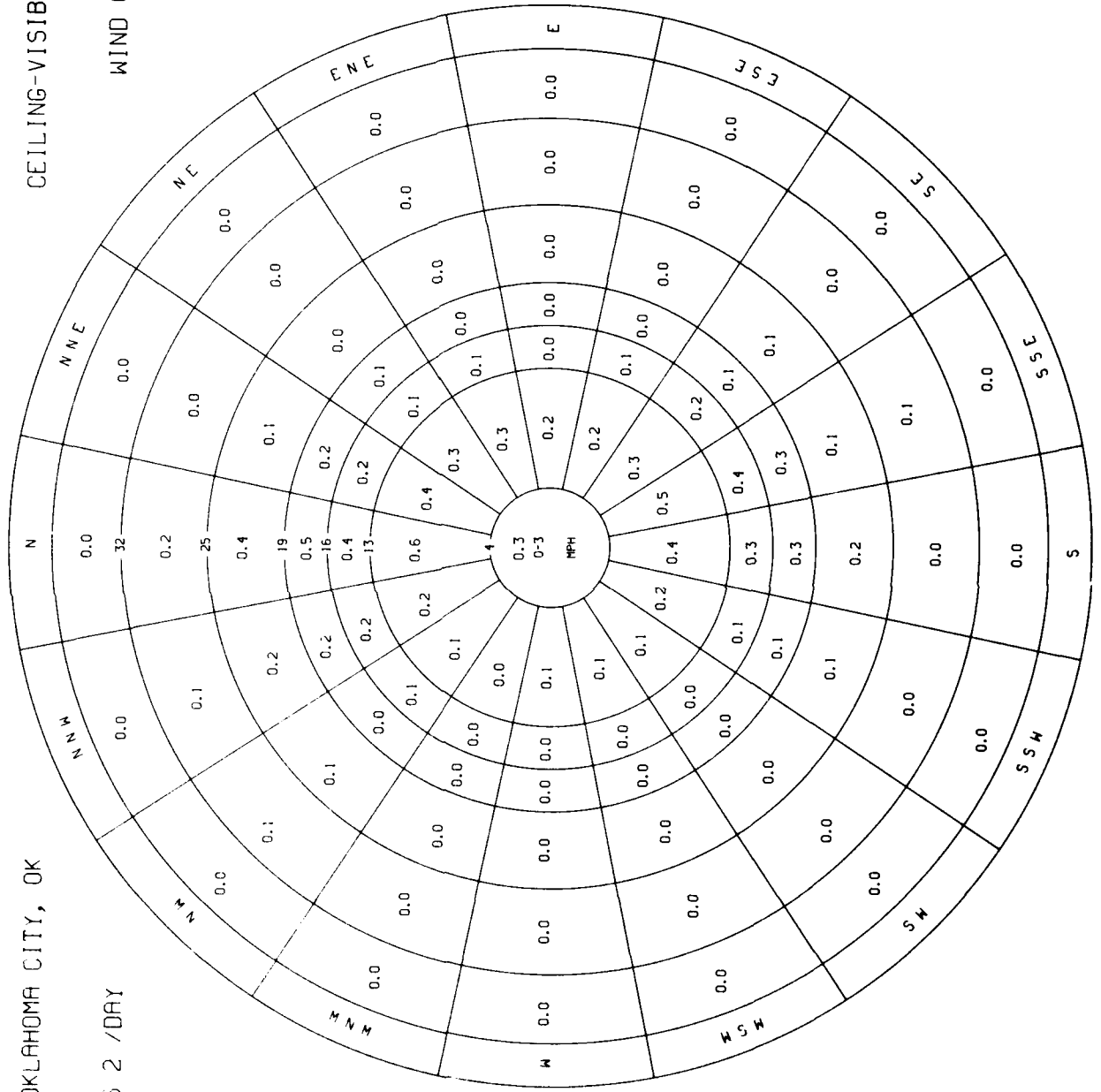
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C			D	
N	.3	.3	4.3	4.9	1.3	1.4	1.2	1.4	1.0	1.2	.4	.5	.1	.1	8.7	9.7	13.2		
NNE	.1	.1	2.3	2.5	.8	.8	.6	.7	.4	.4	.1	.1	.0	.0	4.3	4.8	12.5		
NE	.2	.2	2.3	2.6	.5	.6	.3	.3	.1	.2	.0	.0	.0	.0	3.4	3.8	10.4		
ENE	.1	.1	2.1	2.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.8	3.1	9.6		
E	.1	.2	2.2	2.4	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.1	9.2		
ESE	.1	.1	2.5	2.8	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	3.2	3.6	9.5		
SE	.2	.3	5.9	6.6	1.2	1.4	.6	.6	.2	.3	.0	.1	.0	.0	8.2	9.2	10.3		
SSE	.2	.2	10.6	11.9	4.0	4.5	2.6	2.9	1.4	1.6	.3	.3	.1	.1	19.1	21.4	12.3		
S	.5	.5	9.2	10.3	2.9	3.3	2.1	2.4	1.3	1.4	.4	.5	.1	.1	16.4	18.4	12.1		
SSW	.2	.2	2.6	2.9	.7	.8	.4	.5	.3	.4	.2	.2	.0	.0	4.4	5.0	11.7		
SW	.2	.2	1.5	1.6	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.1	2.3	9.7		
WSW	.1	.1	.7	.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.1	1.2	9.6		
W	.1	.1	.7	.8	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.1	1.3	9.7		
WNW	.1	.1	1.0	1.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.6	1.8	10.6		
NW	.2	.2	2.0	2.2	.3	.4	.3	.3	.3	.3	.2	.2	.1	.1	3.2	3.6	11.7		
NNW	.1	.2	2.6	2.9	.6	.7	.6	.6	.6	.6	.2	.3	.1	.1	4.8	5.4	13.0		
CALM	2.1	2.4													2.1	2.4			
TOTAL	4.9	5.5	52.3	58.7	13.9	15.6	9.4	10.6	6.1	6.8	2.0	2.2	.5	.6	89.1	100	11.4		

OKC OKLAHOMA CITY, OK

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 2 / DAY

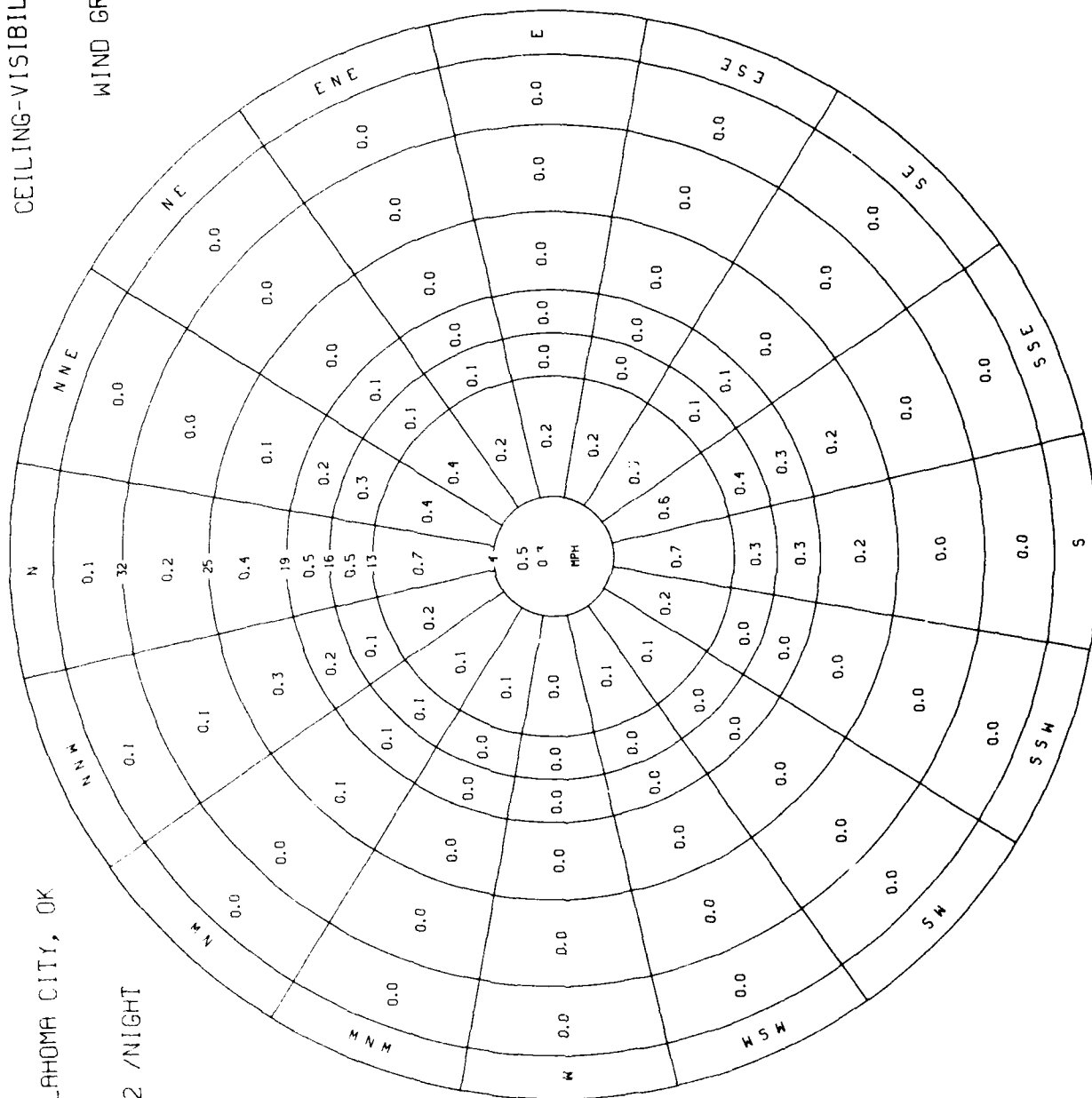
NO. OBS.: 5091

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.6	6.2	.4	3.7	.5	4.9	.4	3.4	.2	1.9	.0	.5	2.1 20.7
NNE	.0	.2	.4	3.5	.2	2.2	.2	1.5	.1	1.0	.0	.2	.0	.1	.9 8.7
NNE	.0	.1	.3	3.1	.1	1.2	.1	.6	.0	.3	.0	.0	.0	.0	.6 5.4
ENE	.0	.1	.3	2.6	.1	.6	.0	.4	.0	.2	.0	.0	.0	.0	.4 3.9
E	.0	.2	.2	1.9	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.3 2.8
ESE	.0	.3	.2	2.0	.1	.7	.0	.3	.0	.2	.0	.1	.0	.0	.4 3.5
SE	.0	.2	.3	3.4	.2	1.5	.1	1.1	.1	.5	.0	.2	.0	.0	.7 6.9
SSE	.0	.1	.5	5.0	.4	3.5	.3	2.7	.1	1.4	.1	.6	.0	.2	1.4 13.5
S	.0	.2	.4	4.2	.3	2.7	.3	2.8	.2	1.9	.0	.5	.0	.0	1.3 12.4
SSW	.0	.1	.2	1.5	.1	.6	.1	.9	.1	.7	.0	.1	.0	.0	.4 3.9
SW	.0	.1	.1	.8	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2 1.5
WSW	.0	.0	.1	.5	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1 .8
W	.0	.0	.1	.7	.0	.0	.0	.2	.0	.1	.0	.1	.0	.0	.1 1.1
WNW	.0	.1	.0	.4	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.1 1.1
NW	.0	.1	.1	1.0	.1	.5	.0	.3	.1	.6	.1	.5	.0	.2	.3 3.2
NNW	.0	.1	.2	2.2	.2	1.7	.2	2.0	.2	1.9	.1	1.1	.0	.4	1.0 9.6
CALM	.1	1.1													.1 1.1
TOTAL	.3	3.1	4.1	39.1	2.1	19.9	1.9	18.2	1.3	12.6	.6	5.4	.2	1.7	10.4 100

CEILING-VISIBILITY WIND GRAPH

OKC OKLAHOMA CITY, OK
CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 2 / NIGHT

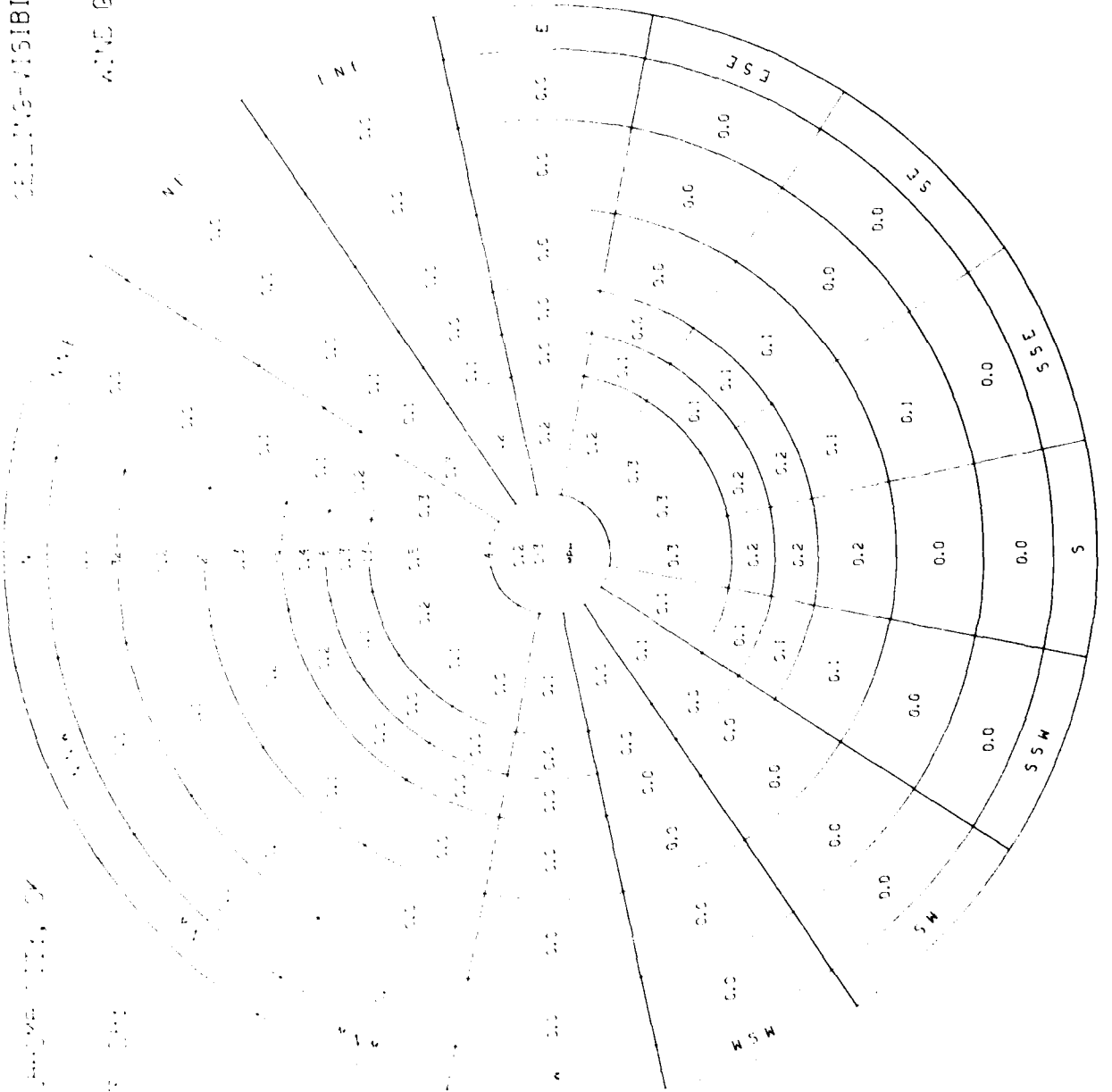
NO. OBS.: 4515

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.2	.7	6.5	.5	4.4	.5	5.0	.4	3.5	.2	1.8	.1	.6	2.4	22.0	16.0
NNE	.0	.2	.4	3.5	.3	2.3	.2	1.6	.1	.8	.0	.4	.0	.1	1.0	8.8	13.7
NENE	.0	.2	.4	3.4	.1	.7	.1	.7	.0	.3	.0	.0	.0	.0	.6	5.3	11.1
ENE	.0	.2	.2	1.9	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.3	2.9	10.3
E	.0	.1	.2	2.1	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3	2.8	9.3
ESE	.0	.2	.2	1.9	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.7	9.3
SE	.0	.3	.3	2.9	.1	1.3	.1	.6	.0	.3	.0	.1	.0	.0	.6	5.5	11.5
SSE	.0	.2	.6	5.4	.4	3.4	.3	2.7	.2	1.9	.0	.4	.0	.2	1.5	14.1	14.0
S	.0	.4	.7	6.0	.3	2.7	.3	2.7	.2	1.4	.0	.4	.0	.0	1.5	13.6	13.2
SSW	.0	.1	.2	1.6	.0	.4	.0	.4	.0	.3	.0	.1	.0	.1	.3	3.0	12.5
SW	.0	.0	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.2	9.9
WSW	.0	.1	.1	.6	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.0	10.2
W	.0	.1	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	.8	12.6
WNW	.0	.1	.1	.6	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.1	11.7
NW	.0	.2	.1	1.0	.1	.5	.1	.5	.1	.6	.0	.4	.0	.1	.4	3.3	16.0
NNW	.0	.0	.2	2.1	.1	1.3	.2	2.0	.3	2.6	.1	1.2	.1	.6	1.1	9.9	18.5
CALM	.2	1.9													.2	1.9	
TOTAL	.5	4.6	4.5	40.9	2.0	18.5	1.8	17.0	1.3	12.3	.5	5.0	.2	1.7	10.9	100	13.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 3 / DAY

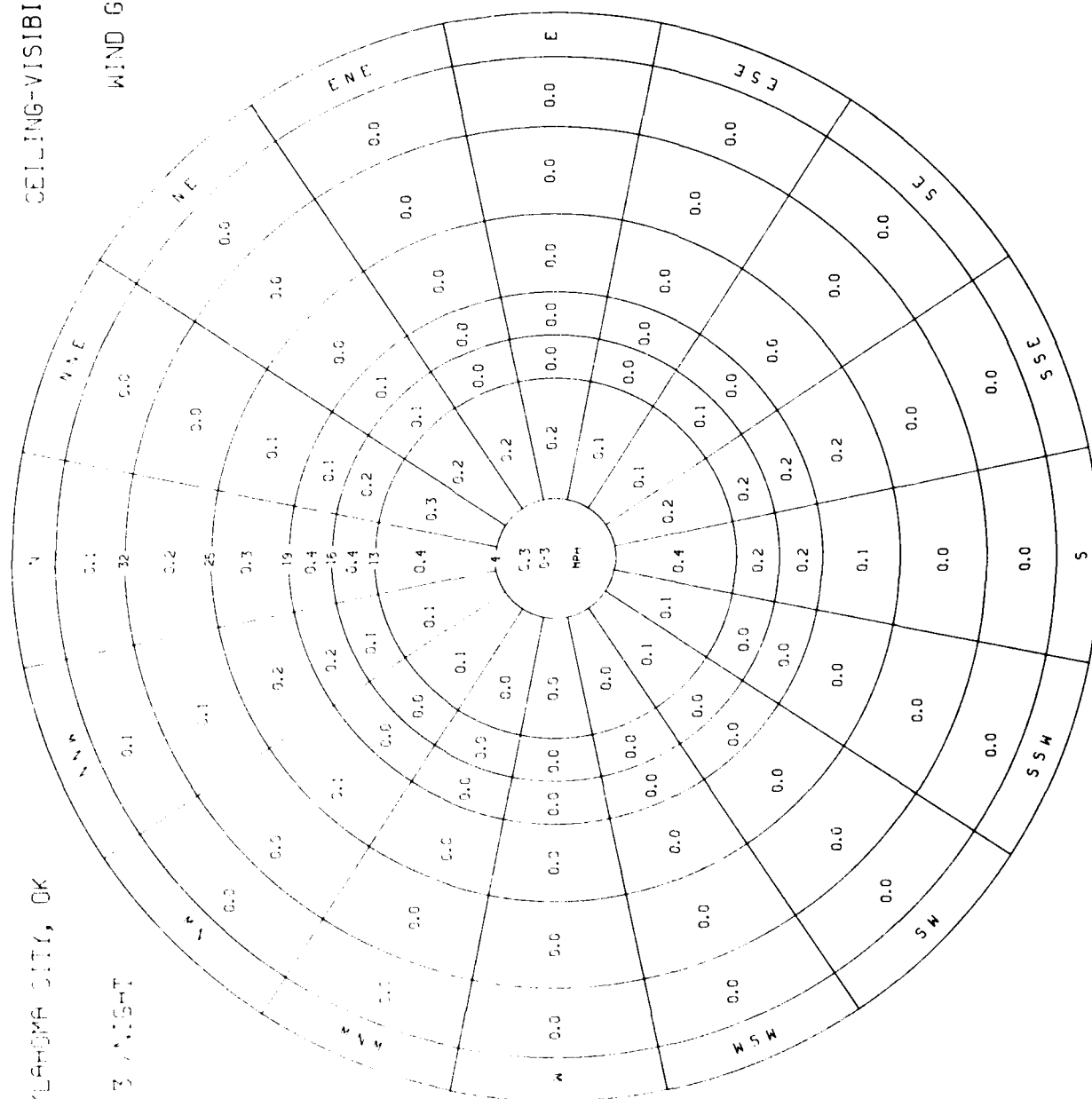
NO. OBS.: 4013

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.1	.5	5.7	.3	3.9	.4	5.5	.3	3.7	.2	1.9	.0	.4	1.7	21.1	16.5
NNE	.0	.1	.3	3.2	.2	2.6	.1	1.7	.1	1.1	.0	.2	.0	.1	.7	9.1	14.5
NNE	.0	.1	.3	3.1	.1	1.4	.1	.7	.0	.3	.0	.0	.0	.0	.5	5.7	12.0
ENE	.0	.1	.2	2.7	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.3	4.1	11.1
E	.0	.2	.2	2.0	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.2	3.0	10.1
ESE	.0	.1	.2	1.9	.1	.7	.0	.3	.0	.2	.0	.1	.0	.0	.3	3.4	11.9
SE	.0	.2	.3	3.1	.1	1.4	.1	1.3	.1	.6	.0	.2	.0	.0	.6	6.8	12.9
SSE	.0	.0	.3	4.1	.2	2.7	.2	2.4	.1	1.6	.1	.6	.0	.2	1.0	11.7	14.8
S	.0	.2	.3	3.7	.2	2.7	.2	2.9	.2	2.0	.0	.6	.0	.0	1.0	12.1	15.0
SSW	.0	.0	.1	1.3	.1	.7	.1	1.0	.1	.8	.0	.1	.0	.0	.3	4.1	14.9
SW	.0	.1	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.4	11.2
WSW	.0	.0	.0	.5	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.1	.9	13.9
W	.0	.0	.1	.7	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1	1.1	11.6
WNW	.0	.1	.0	.5	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.3	14.9
NW	.0	.1	.1	1.0	.0	.4	.0	.3	.1	.6	.0	.6	.0	.2	.3	3.4	17.7
NNW	.0	.0	.2	2.1	.1	1.8	.2	2.2	.2	2.1	.1	1.3	.0	.5	.8	10.2	18.2
CALM	.1	.8													.1	.8	
TOTAL	.2	2.4	3.0	36.4	1.6	20.2	1.6	19.6	1.1	13.8	.5	5.8	.2	1.8	8.2	100	14.7

OKLAHOMA CITY, OK

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 3 / NIGHT

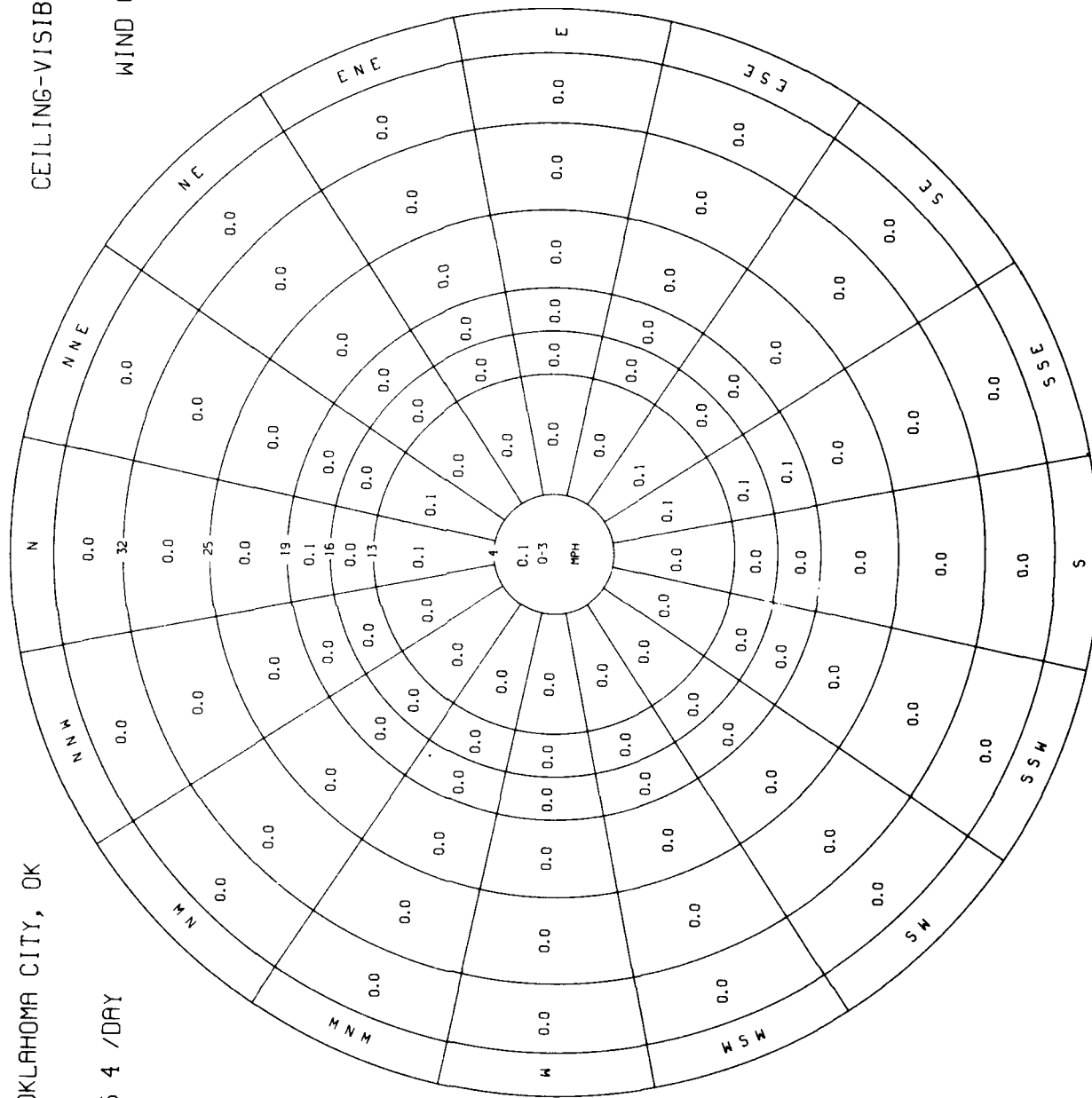
NO. OBS.: 3113

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.4	5.9	.4	4.9	.4	5.9	.3	4.4	.2	2.2	.1	.7	1.8	24.3	16.7
NNE	.0	.2	.3	3.6	.2	2.8	.1	1.9	.1	1.1	.0	.4	.0	.1	.8	10.1	14.2
NE	.0	.2	.2	3.1	.1	.8	.1	.9	.0	.4	.0	.0	.0	.0	.4	5.3	11.7
ENE	.0	.1	.2	2.2	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.2	3.2	10.7
E	.0	.1	.2	2.1	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.2	2.8	9.7
ESE	.0	.2	.1	1.6	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.2	2.5	9.7
SE	.0	.2	.1	1.8	.1	1.0	.0	.6	.0	.4	.0	.1	.0	.0	.3	4.1	12.7
SSE	.0	.1	.2	3.3	.2	3.1	.2	2.8	.2	2.1	.0	.5	.0	.2	.9	12.2	15.4
S	.0	.2	.4	4.7	.2	2.9	.2	3.0	.1	1.5	.0	.4	.0	.0	1.0	12.7	13.9
SSW	.0	.1	.1	1.1	.0	.3	.0	.4	.0	.4	.0	.2	.0	.1	.2	2.5	14.2
SW	.0	.0	.1	.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.1	10.3
WSW	.0	.1	.0	.5	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.1	.9	11.9
W	.0	.1	.0	.4	.0	.1	.0	.1	.0	.2	.0	.1	.0	.0	.1	.9	13.2
WNW	.0	.0	.0	.6	.0	.2	.0	.0	.0	.2	.0	.1	.0	.0	.1	1.2	13.0
NW	.0	.2	.1	.7	.0	.5	.0	.5	.1	.9	.0	.5	.0	.2	.3	3.4	17.5
NNW	.0	.1	.1	1.8	.1	1.4	.2	2.4	.2	3.3	.1	1.6	.1	.7	.9	11.3	19.4
CALM	.1	1.4													.1	1.4	
TOTAL	.3	3.5	2.6	34.3	1.4	19.3	1.5	19.4	1.1	15.3	.5	6.2	.2	2.0	7.5	100	14.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 4 / DAY

NO. OBS.: 636

STATION NUMBER: 13967

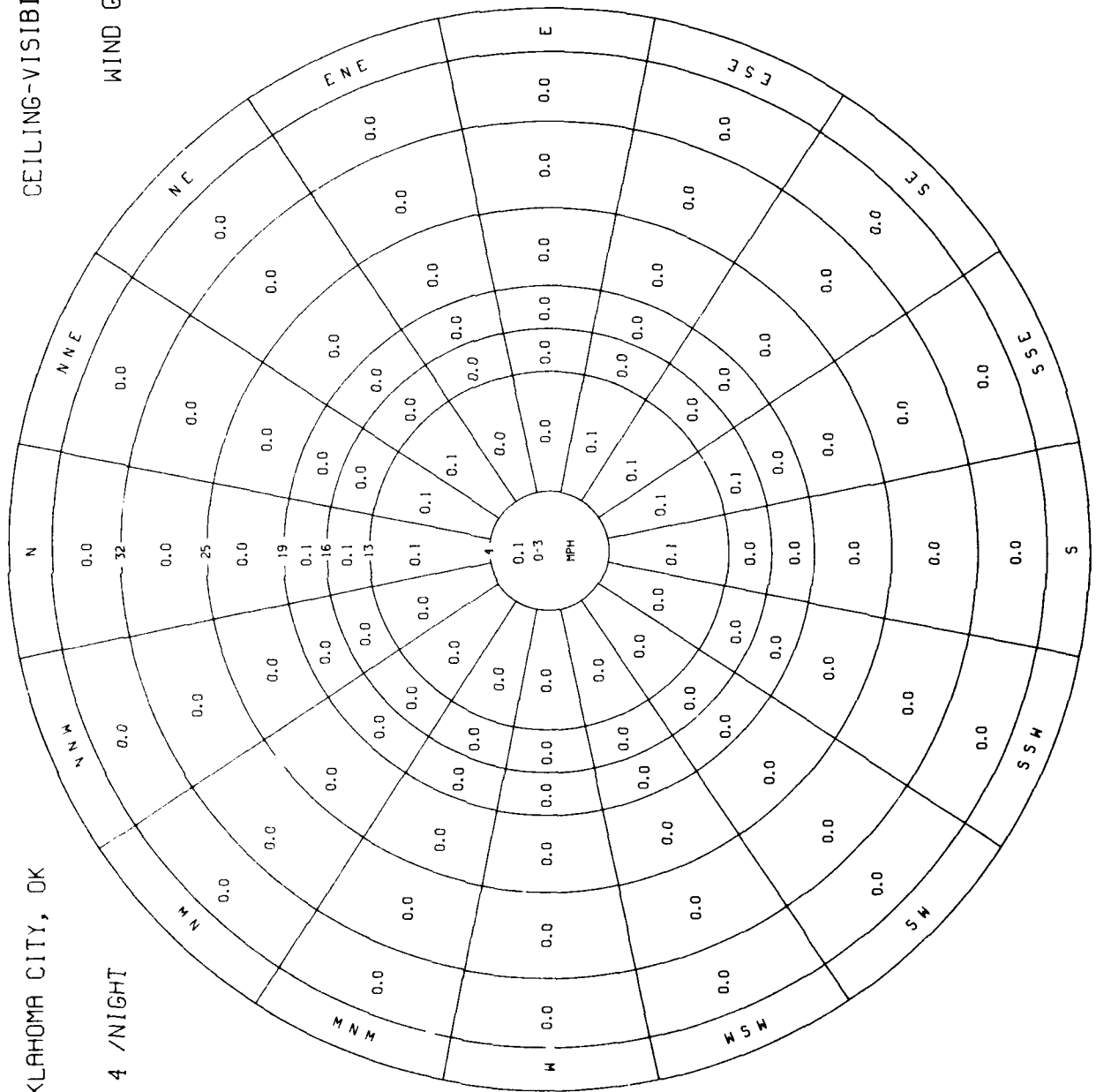
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.1	8.2	.0	3.6	.1	3.9	.0	2.5	.0	2.8	.0	.3	.3 21.7
NNE	.0	.3	.1	4.9	.0	.9	.0	1.4	.0	.2	.0	.0	.0	.0	.1 7.7
NENE	.0	.2	.0	3.3	.0	.5	.0	.5	.0	.0	.0	.2	.0	.0	.1 4.6
ENE	.0	.0	.0	2.4	.0	.3	.0	.5	.0	.2	.0	.0	.0	.0	.0 3.3
E	.0	.2	.0	1.9	.0	.2	.0	.3	.0	.2	.0	.0	.0	.0	.0 2.7
ESE	.0	.5	.0	2.8	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1 4.2
SE	.0	.2	.1	4.4	.0	2.5	.0	.5	.0	.3	.0	.2	.0	.0	.1 8.0
SSE	.0	.3	.1	6.9	.1	6.0	.1	4.4	.0	1.4	.0	.5	.0	.2	.3 19.7
S	.0	.5	.0	3.3	.0	2.4	.0	2.0	.0	1.6	.0	.2	.0	.0	.1 9.9
SSW	.0	.0	.0	1.9	.0	.6	.0	.3	.0	.5	.0	.0	.0	.0	.0 3.3
SW	.0	.2	.0	.9	.0	.2	.0	.2	.0	.2	.0	.2	.0	.0	.0 1.7
WSW	.0	.0	.0	.8	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0 .9
W	.0	.0	.0	.9	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0 1.3
WNW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .2
NW	.0	.0	.0	1.1	.0	.6	.0	.2	.0	.5	.0	.2	.0	.0	.0 2.5
NNW	.0	.2	.0	2.4	.0	1.4	.0	1.4	.0	.9	.0	.8	.0	.0	.1 7.1
CALM	.0	1.3													.0 1.3
TOTAL	.1	3.9	.6	46.2	.3	19.8	.2	16.2	.1	8.5	.1	4.9	.0	.5	1.3 100

CEILING-VISIBILITY

WIND GRAPH

OKC OKLAHOMA CITY, OK

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 4 / NIGHT

NO. OBS.: 703

STATION NUMBER: 13967

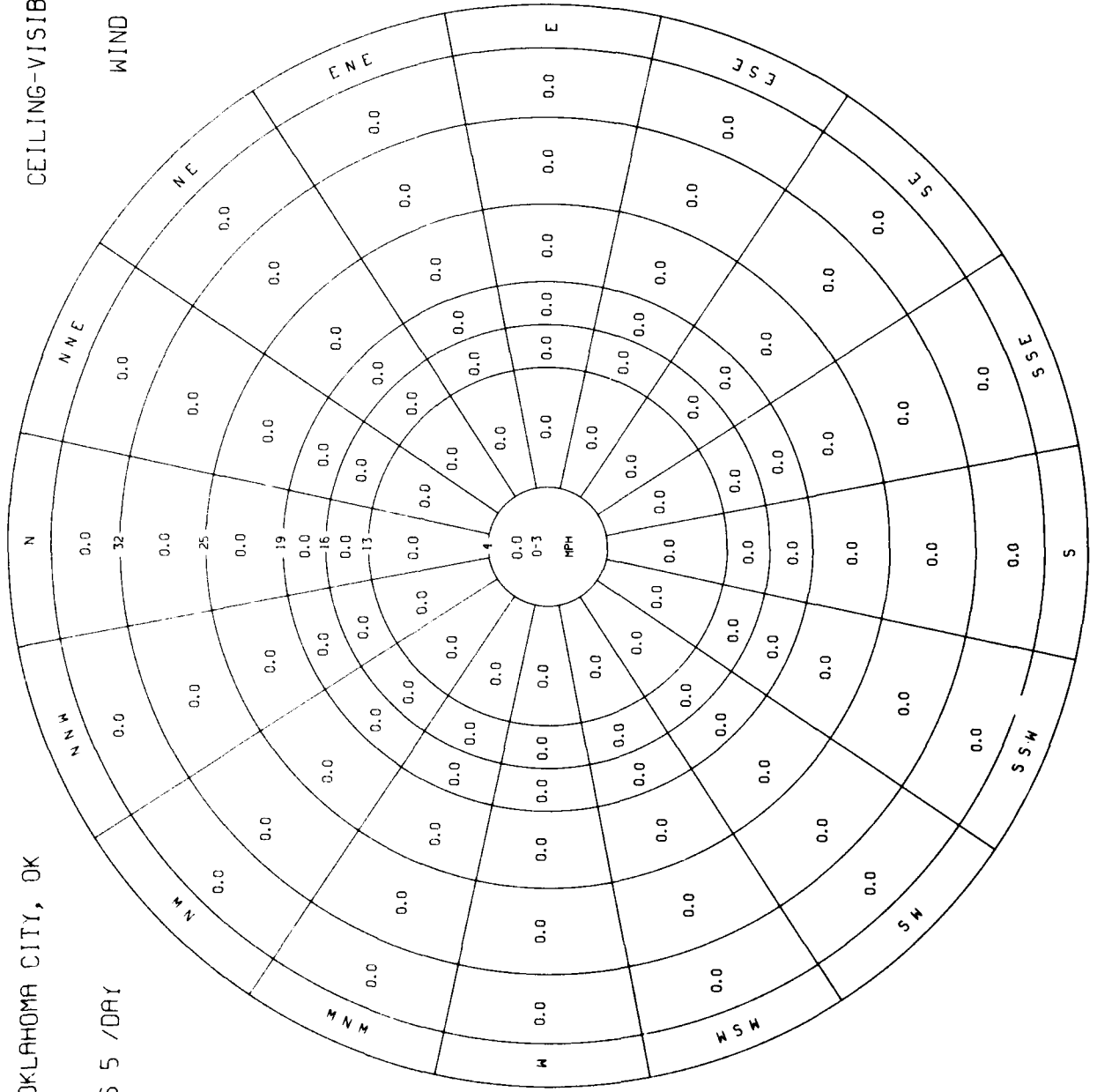
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.1	.1	7.1	.1	3.6	.1	4.7	.0	2.0	.0	1.6	.0	1.0	.3 20.1
NNE	.0	.1	.1	4.4	.0	2.4	.0	1.4	.0	.1	.0	.3	.0	.0	.1 8.8
NNE	.0	.0	.1	5.1	.0	.9	.0	.4	.0	.1	.0	.1	.0	.0	.1 6.7
ENE	.0	.1	.0	1.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
E	.0	.1	.0	2.0	.0	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0 2.7
ESE	.0	.3	.1	3.0	.0	.3	.0	.1	.0	.0	.0	.1	.0	.0	.1 3.8
SE	.0	.3	.1	4.3	.0	2.3	.0	.9	.0	.1	.0	.1	.0	.0	.1 8.0
SSE	.0	.0	.1	7.5	.1	3.0	.0	2.3	.0	1.7	.0	.1	.0	.0	.2 14.7
S	.0	.4	.1	7.0	.0	2.0	.0	1.6	.0	.7	.0	.6	.0	.0	.2 12.2
SSW	.0	.1	.0	1.7	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0 2.7
SW	.0	.1	.0	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0 1.7
WSW	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
W	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0 .3
WNW	.0	.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
NW	.0	.1	.0	1.1	.0	.6	.0	.9	.0	.1	.0	.1	.0	.0	.1 3.0
NNW	.0	.0	.0	2.4	.0	1.6	.0	1.8	.0	1.7	.0	.4	.0	.1	.1 8.1
CALM	.1	3.3													.1 3.3
TOTAL	.1	5.5	.8	49.5	.3	18.5	.3	14.9	.1	6.8	.1	3.6	.0	1.1	1.7 100
															12.4

OKC OKLAHOMA CITY, OK

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 5 / DAY

NO. OBS.: 245

STATION NUMBER: 13967

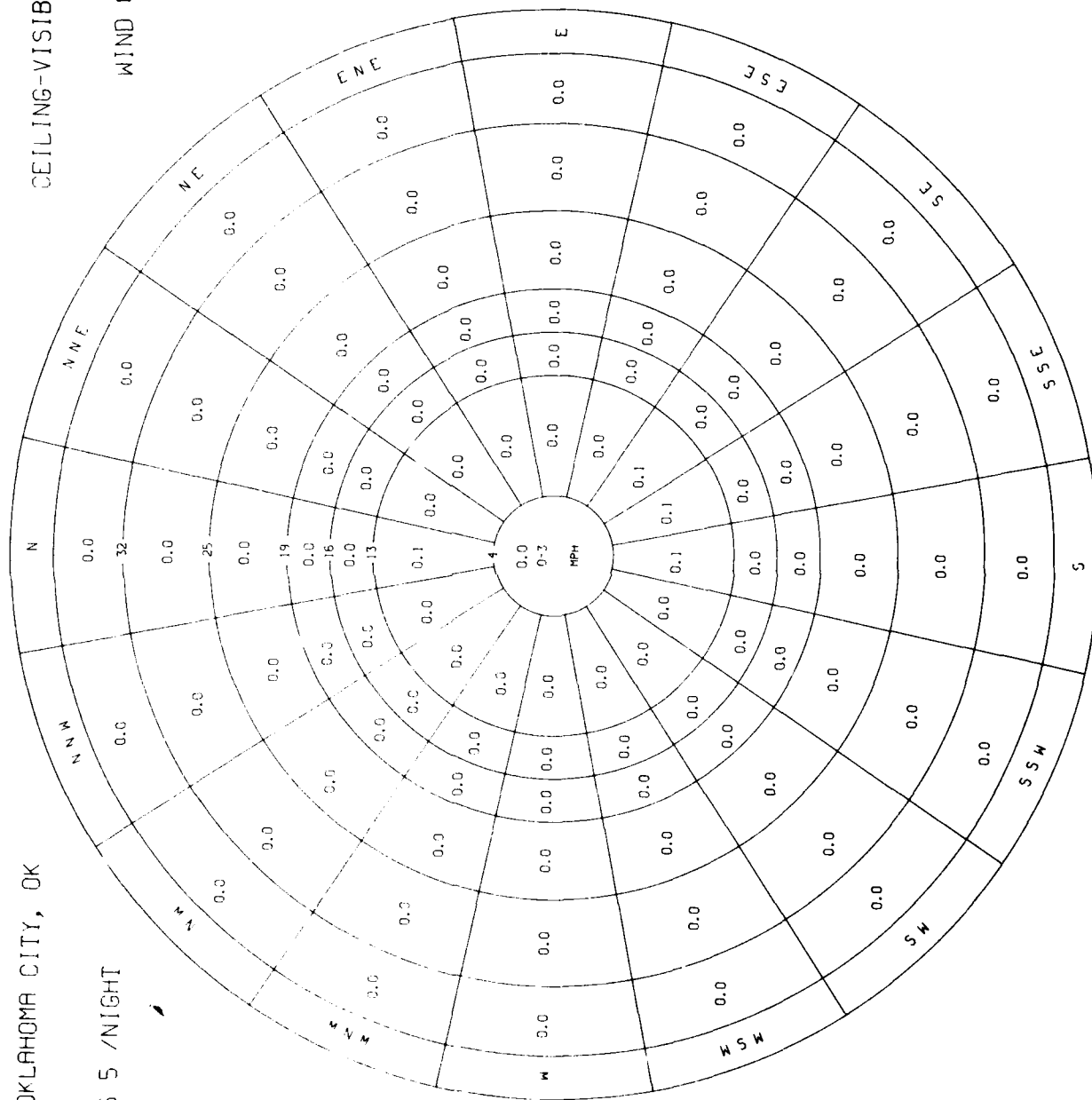
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.8	.0	9.4	.0	2.0	.0	.8	.0	2.4	.0	1.2	.0	1.6	.1	18.4	15.6
NNE	.0	.4	.0	3.3	.0	1.2	.0	.4	.0	.8	.0	.0	.0	.4	.0	6.5	13.6
NNE	.0	.0	.0	3.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.8
ENE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.0
E	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.7
ESE	.0	.4	.0	2.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	9.5
SE	.0	.8	.0	2.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.8
SSE	.0	.4	.0	8.2	.0	8.2	.0	3.3	.0	.4	.0	.4	.0	.4	.1	21.2	13.4
S	.0	.4	.0	8.2	.0	2.9	.0	3.7	.0	2.9	.0	.0	.0	.0	.1	18.0	12.6
SSW	.0	.0	.0	2.4	.0	.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	3.7	10.8
SW	.0	.0	.0	.8	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	1.6	12.2
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	1.6	12.5
WNW	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	18.0
NW	.0	.0	.0	.4	.0	1.2	.0	.4	.0	.4	.0	.0	.0	.4	.0	2.9	19.3
NNW	.0	.0	.0	2.4	.0	2.0	.0	1.2	.0	2.9	.0	.0	.0	.4	.0	9.0	16.5
CALM	.0	2.9													.0	2.9	
TOTAL	.0	6.5	.2	46.9	.1	20.0	.1	10.6	.1	10.6	.0	2.0	.0	3.3	.5	100	13.0

OKC OKLAHOMA CITY, OK

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



FINNUAL

PERIOD: 1948-1978

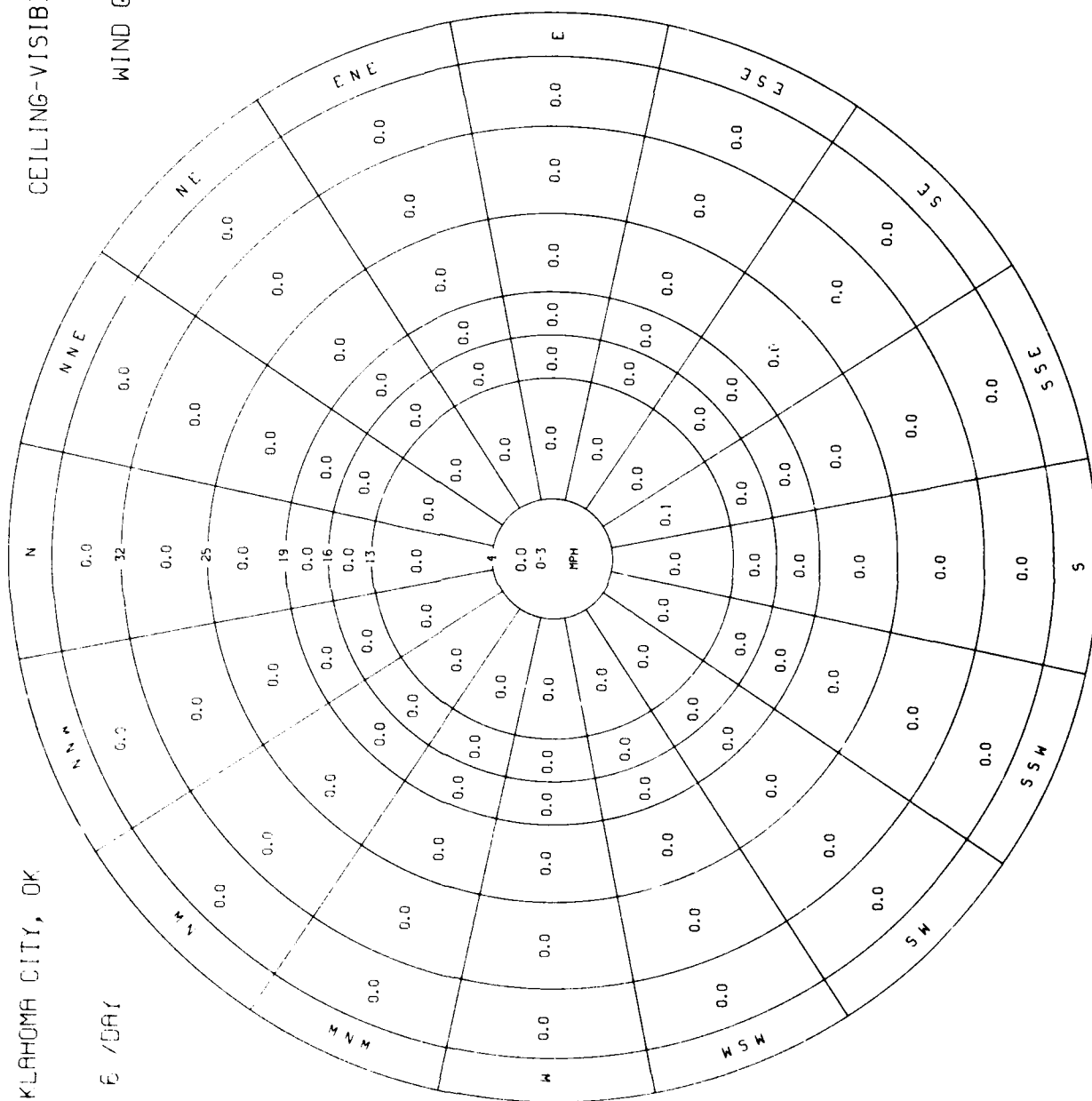
CLASS 5 / NIGHT

NO.	OBS.:	
336		

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.1	8.0	.0	4.8	.0	1.2	.0	1.2	.0	.9	.0	.0	.1	16.1	13.0
NNE	.0	.0	.0	2.4	.0	.3	.0	.6	.0	.0	.0	.0	.0	.3	.0	3.6	11.8
NENE	.0	.0	.0	2.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.6
EENE	.0	.3	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.6
E	.0	.0	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	10.0
ESE	.0	.3	.0	2.7	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.6	8.4
SE	.0	.6	.1	6.3	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.1	8.9	9.6
SSE	.0	1.2	.1	10.1	.0	5.1	.0	2.4	.0	2.1	.0	.0	.0	.3	.2	21.1	12.0
S	.0	.6	.1	11.3	.0	3.9	.0	2.4	.0	1.5	.0	.3	.0	.0	.2	19.9	11.8
SSW	.0	.0	.0	2.7	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	3.6	10.8
SW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	2.1	10.7
WSW	.0	.6	.0	1.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.4	7.2
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	11.0
NW	.0	.0	.0	2.1	.0	.6	.0	.6	.0	.3	.0	.3	.0	.0	.0	3.9	12.4
NNW	.0	.0	.0	2.4	.0	.6	.0	.6	.0	.9	.0	.3	.0	.6	.0	5.4	16.6
CALM	.0	2.1													.0	2.1	
TOTAL	.0	5.7	5	56.8	.2	18.8	.1	9.5	.1	6.3	.0	1.8	.0	1.2	.8	100	11.4

CEILING-VISIBILITY

WIND GRAPH



AD-A108 164

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC (U)

JUN 81

DOT-FA79WAI-057

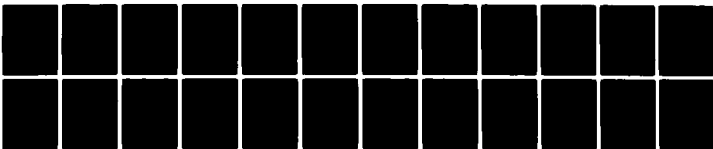
NL

UNCLASSIFIED

5

2

1



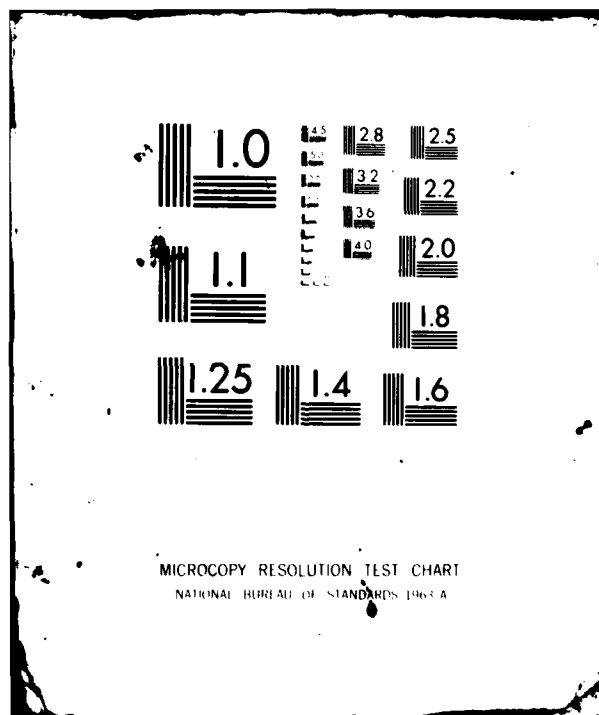
END

DATE

FILMED

1 82

DTIC



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 6 / DAY

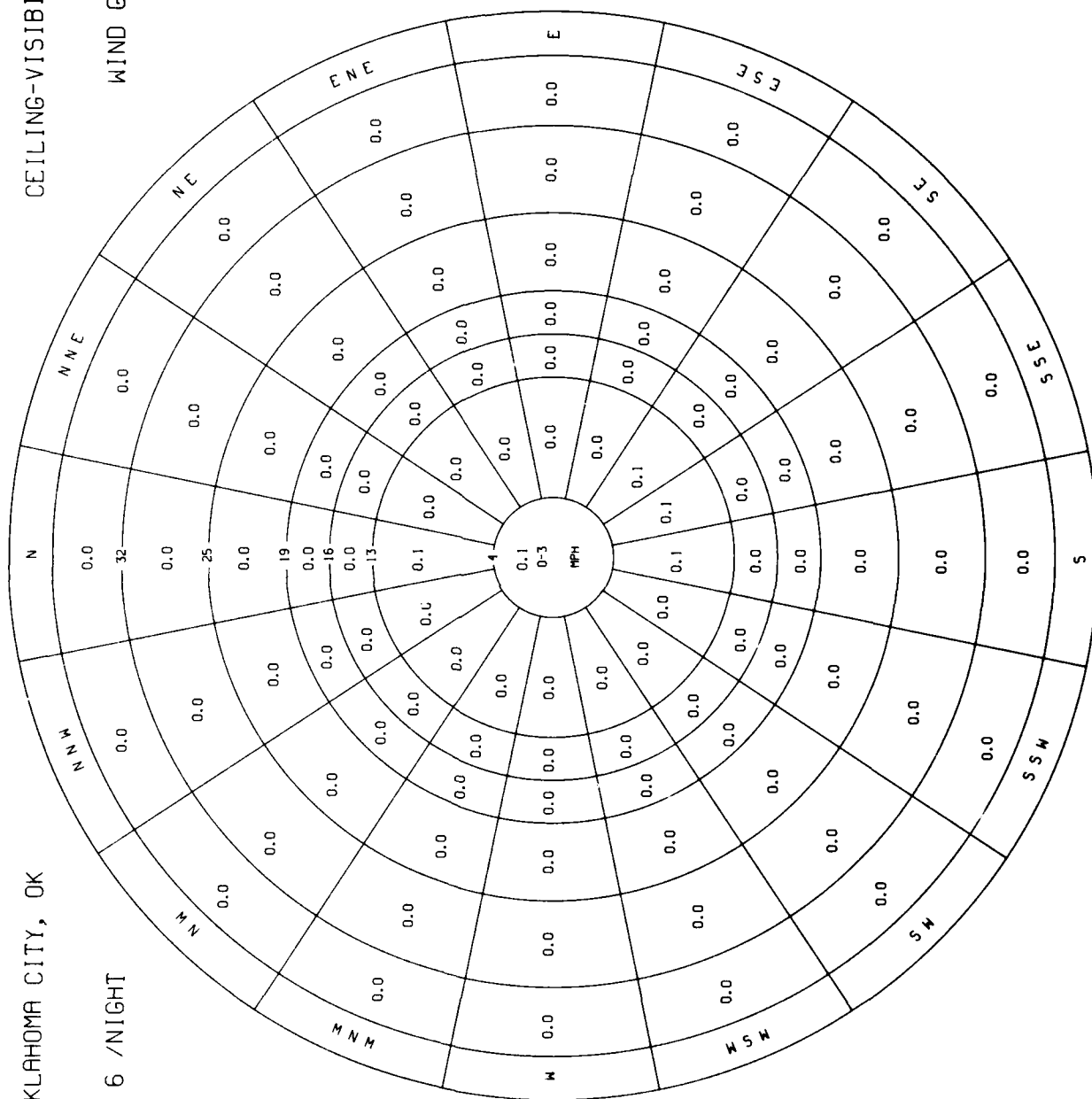
NO. OBS.: 197

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.0	.0	6.1	.0	1.5	.0	1.5	.0	1.0	.0	1.0	.0	1.0	.1	13.2	13.8
NNE	.0	1.5	.0	4.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.4
NE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.6
ENE	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	9.1
E	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.5
ESE	.0	2.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.4
SE	.0	.0	.0	7.1	.0	2.0	.0	.5	.0	.0	.0	.5	.0	.0	.0	10.2	10.2
SSE	.0	.5	.1	12.7	.0	4.6	.0	1.5	.0	.0	.0	.5	.0	.0	.1	19.8	11.2
S	.0	.0	.0	12.2	.0	3.6	.0	1.5	.0	1.5	.0	.0	.0	.0	.1	18.8	11.4
SSW	.0	.5	.0	3.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.3
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.3
WSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.5
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	1.0	12.0
NW	.0	.5	.0	1.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.0	9.7
NNW	.0	1.5	.0	3.0	.0	.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	6.1	9.6
CALM	.0	3.6													.0	3.6	
TOTAL	.0	12.2	.2	61.4	.1	13.7	.0	6.1	.0	3.6	.0	2.0	.0	1.0	.4	100	10.0

OKC OKLAHOMA CITY, OK

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 6 / NIGHT

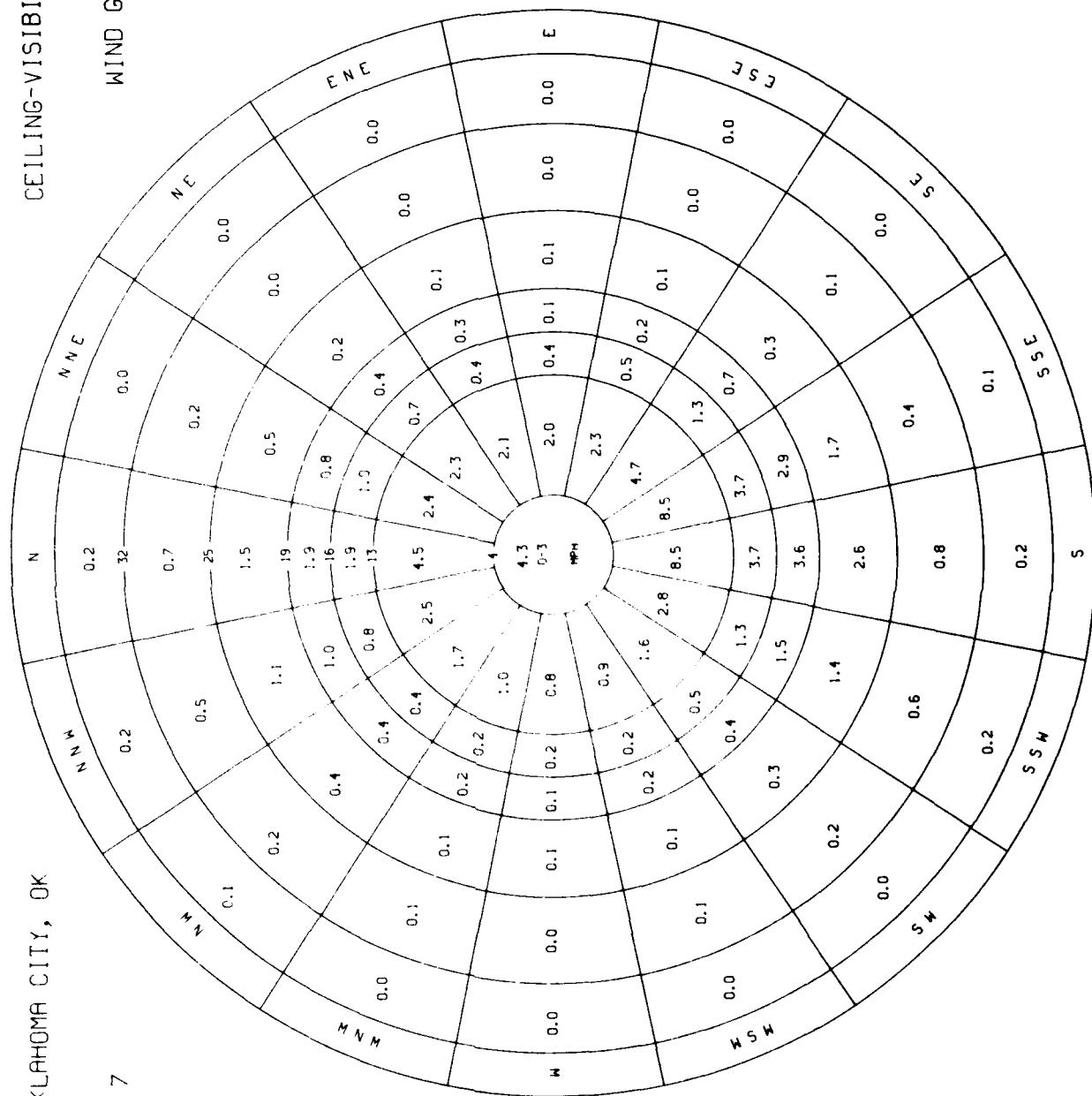
NO. OBS.: 363

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.3	.1	8.8	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.1	11.3	9.3
NNE	.0	1.1	.0	1.4	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.8	6.7
NE	.0	1.1	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	8.0
ENE	.0	.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.1
E	.0	.3	.0	3.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.7
ESE	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.3
SE	.0	.8	.1	6.9	.0	1.4	.0	.8	.0	.3	.0	.0	.0	.0	.1	10.2	9.2
SSE	.0	1.1	.1	14.6	.0	4.7	.0	2.2	.0	.6	.0	.0	.0	.0	.2	23.1	10.8
S	.0	1.4	.1	10.7	.0	1.7	.0	2.2	.0	2.2	.0	.6	.0	.0	.2	18.7	11.4
SSW	.0	.3	.0	5.2	.0	.8	.0	.3	.0	.3	.0	.0	.0	.0	.1	6.9	8.9
SW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.3
WSW	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.3
W	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.5
WNW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0
NW	.0	.0	.0	1.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.4
NNW	.0	.0	.0	4.1	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	5.0	8.7
CALM	.0	3.6													.0	3.6	
TOTAL	.1	11.6	.6	66.4	.1	11.0	.1	6.9	.0	3.3	.0	.6	.0	.3	.9	100	9.2

CEILING-VISIBILITY

WIND GRAPH

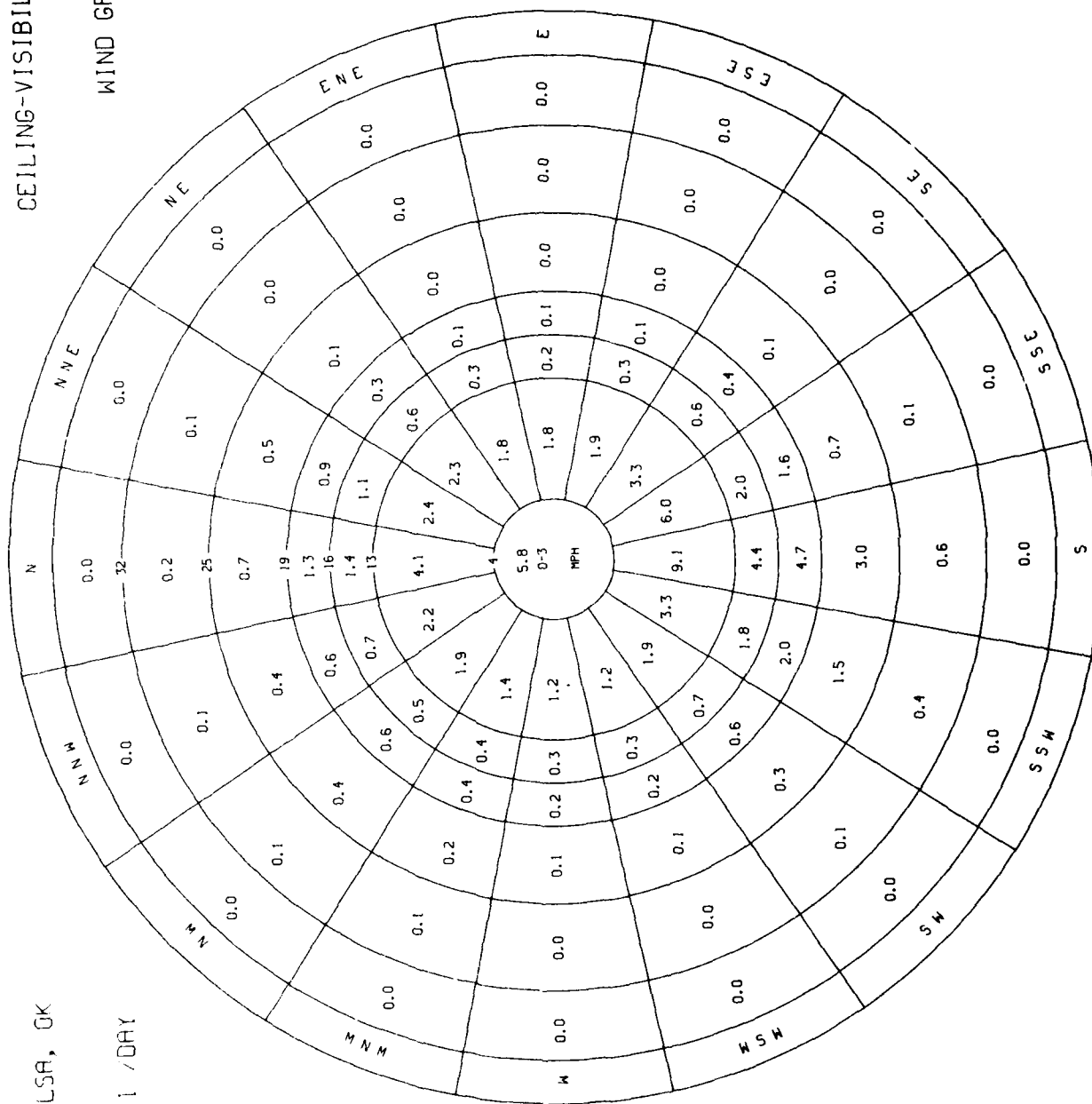


CELLING-VISIBILITY

WIND GRAPH

TUL TULSA, OK

CLASS 1 / DAY



PRECEDING PAGE BLANK-NOT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 1 / DAY

NO. OBS.: 42519

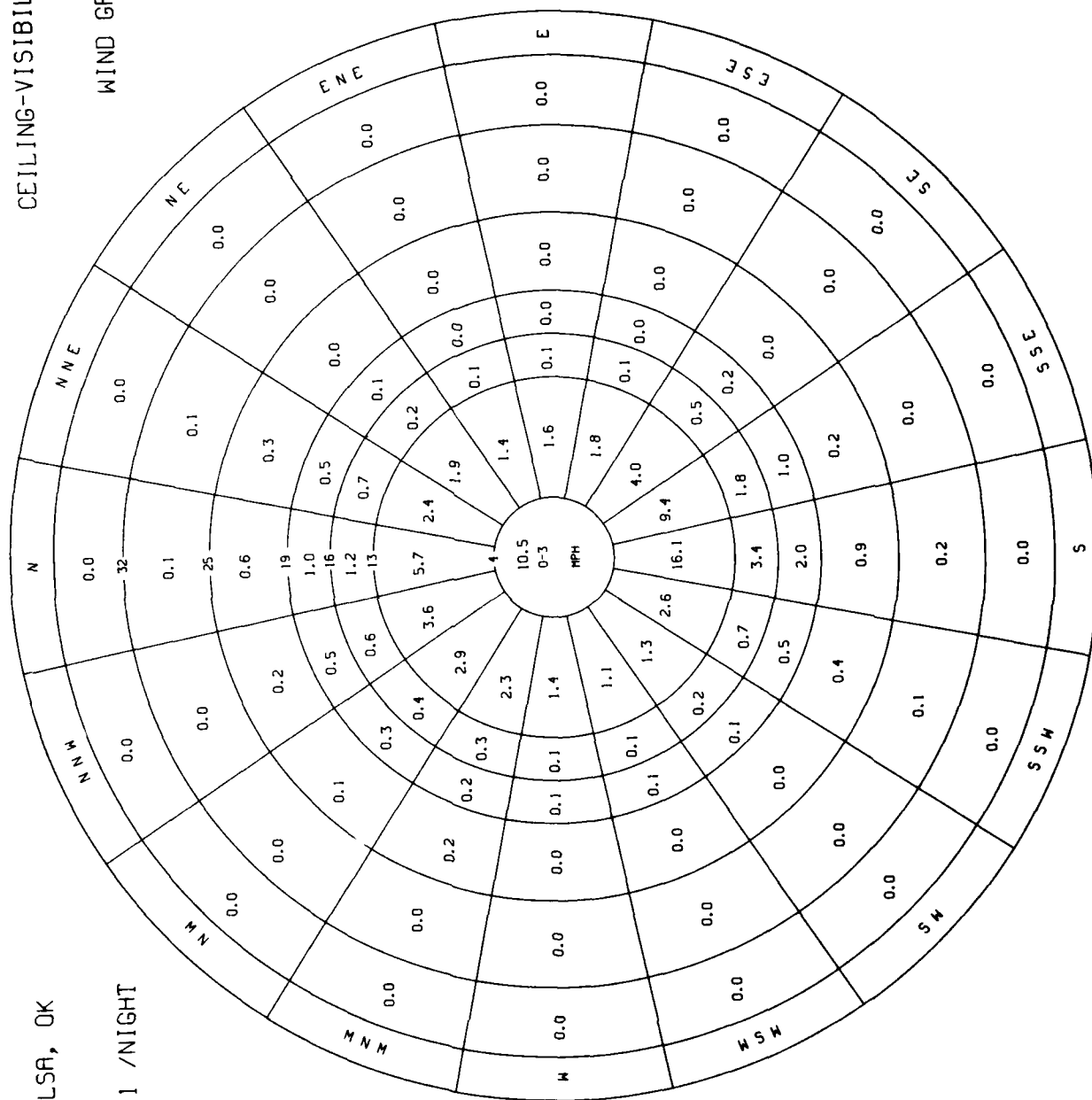
STATION NUMBER: 13968

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.3	.3	4.1	4.5	1.4	1.5	1.3	1.4	.7	.8	.2	.2	.0	.0	7.9	8.7	12.3
NNE	.1	.2	2.4	2.6	1.1	1.2	.9	.9	.5	.6	.1	.1	.0	.0	5.1	5.6	12.7
NE	.2	.2	2.3	2.5	.6	.6	.3	.4	.1	.1	.0	.0	.0	.0	3.5	3.8	10.4
ENE	.1	.1	1.8	2.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.4	2.6	9.3
E	.1	.1	1.8	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2	2.5	8.6
ESE	.1	.2	1.9	2.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.4	2.7	8.9
SE	.3	.3	3.3	3.7	.6	.7	.4	.5	.1	.1	.0	.0	.0	.0	4.8	5.2	9.8
SSE	.2	.2	6.0	6.6	2.0	2.2	1.6	1.8	.7	.7	.1	.1	.0	.0	10.6	11.7	11.9
S	.3	.3	9.1	10.0	4.4	4.8	4.7	5.1	3.0	3.3	.6	.7	.0	.0	22.1	24.2	13.9
SSW	.1	.1	3.3	3.6	1.8	2.0	2.0	2.2	1.5	1.7	.4	.4	.0	.0	9.2	10.0	14.6
SW	.1	.1	1.9	2.1	.7	.8	.6	.6	.3	.3	.1	.1	.0	.0	3.7	4.0	12.1
WSW	.1	.1	1.2	1.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	1.9	2.1	10.6
W	.1	.1	1.2	1.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	1.9	2.1	10.8
WNW	.1	.1	1.4	1.5	.4	.4	.4	.4	.2	.3	.1	.1	.0	.0	2.5	2.8	11.8
NW	.2	.2	1.9	2.1	.5	.6	.6	.6	.4	.4	.1	.1	.0	.0	3.6	4.0	12.1
NNW	.1	.2	2.2	2.4	.7	.8	.6	.7	.4	.4	.1	.1	.0	.0	4.2	4.6	12.0
CALM	3.2	3.6													3.2	3.6	
TOTAL	5.8	6.4	45.9	50.3	15.5	17.0	14.0	15.3	8.2	9.0	1.7	1.9	.1	.1	91.3	100	11.9

WIND GRAPH

TUL TULSA, OK

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 1 / NIGHT

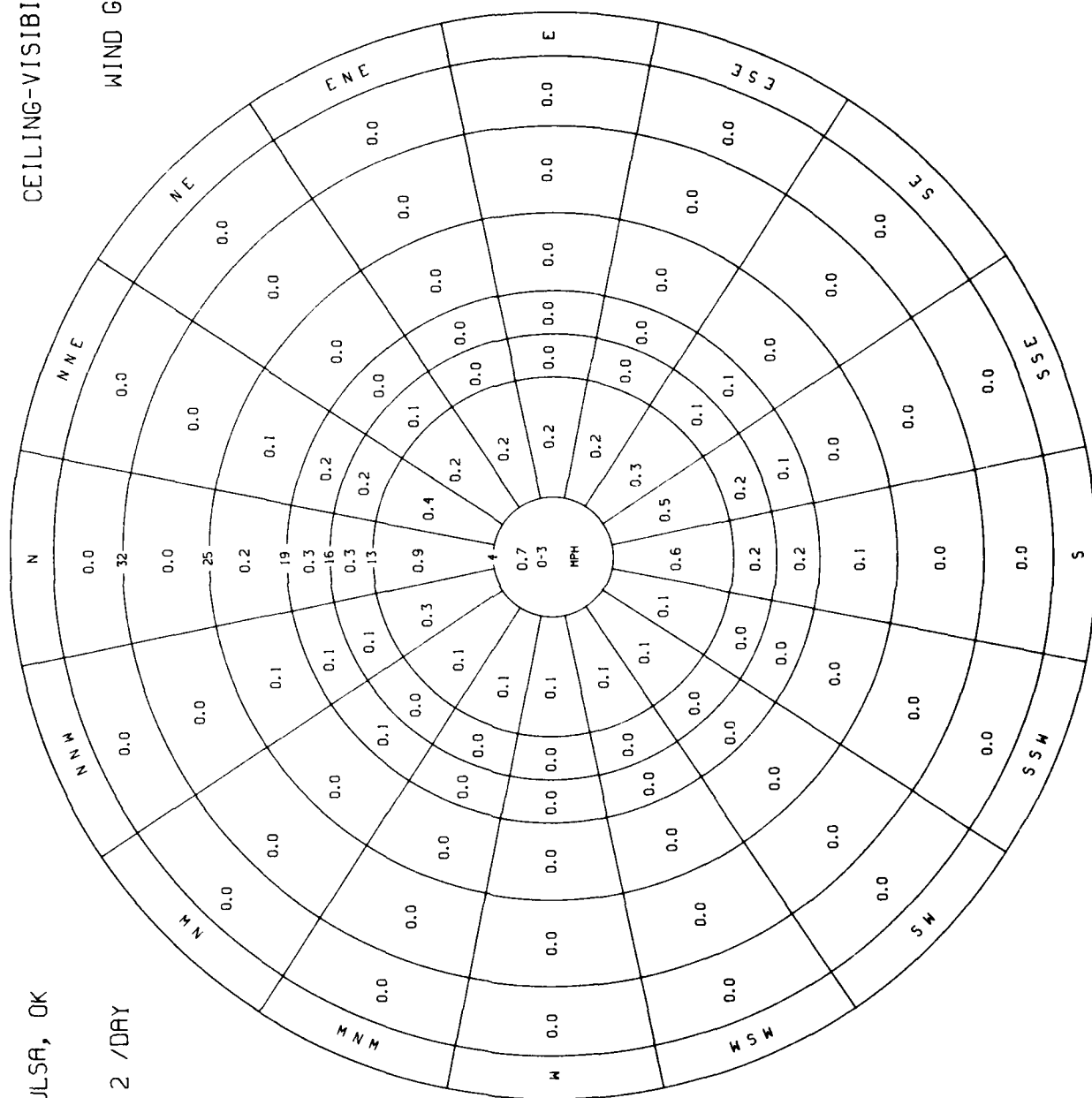
STATION NUMBER: 13968

NO. OBS.: 37323

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.4	.5	5.7	6.3	1.2	1.3	1.0	1.1	.6	.6	.1	.1	.0	.0	9.1	10.0	10.7
NNE	.2	.2	2.4	2.6	.7	.8	.5	.6	.3	.4	.1	.1	.0	.0	4.2	4.7	11.7
NE	.2	.2	1.9	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5	2.7	8.7
ENE	.2	.2	1.4	1.5	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.7	1.8	7.6
E	.2	.2	1.6	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.1	7.2
ESE	.2	.2	1.8	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.4	7.3
SE	.4	.4	4.0	4.4	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	5.1	5.6	8.5
SSE	.3	.3	9.4	10.3	1.8	1.9	1.0	1.1	.2	.3	.0	.0	.0	.0	12.7	14.0	10.1
S	.4	.4	16.1	17.7	3.4	3.8	2.0	2.2	.9	1.0	.2	.2	.0	.0	23.0	25.3	10.6
SSW	.2	.3	2.6	2.9	.7	.8	.5	.6	.4	.5	.1	.1	.0	.0	4.6	5.1	11.8
SW	.2	.2	1.3	1.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.8	2.0	8.7
WSW	.2	.3	1.1	1.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	1.6	7.8
W	.2	.2	1.4	1.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.1	8.1
WNW	.2	.2	2.3	2.5	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	3.1	3.5	9.3
NW	.3	.4	2.9	3.2	.4	.4	.3	.4	.1	.2	.0	.0	.0	.0	4.2	4.6	9.2
NNW	.3	.4	3.6	4.0	.6	.6	.5	.5	.2	.2	.0	.0	.0	.0	5.2	5.7	9.5
CALM	6.2	6.8													6.2	6.8	
TOTAL	10.5	11.5	59.4	65.4	10.3	11.4	6.8	7.5	3.2	3.5	.6	.7	.1	.1	90.8	100	9.2

TUL TULSA, OK

CLASS 2 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 2 / DAY

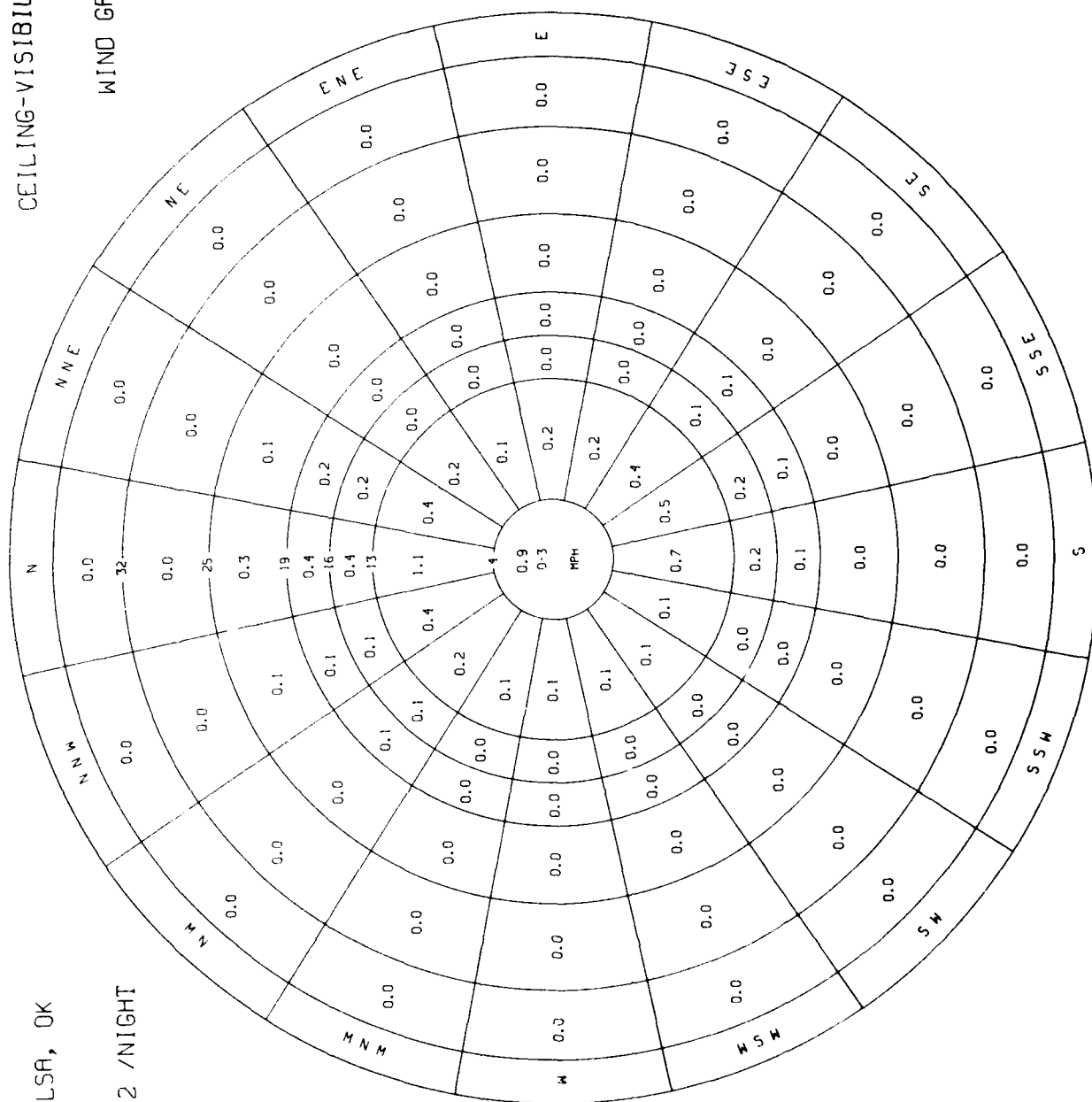
STATION NUMBER: 13968

NO. OBS.: 4035

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.9	9.8	.3	4.0	.3	3.8	.2	2.3	.0	.5	.0	.1	1.8 20.8
NNE	.0	.2	.4	4.9	.2	2.6	.2	2.2	.1	.9	.0	.1	.0	.0	.9 10.8
NE	.0	.2	.2	2.5	.1	.7	.0	.5	.0	.2	.0	.0	.0	.0	.4 4.2
ENE	.0	.1	.2	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.8
E	.0	.2	.2	2.5	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.3 3.2
ESE	.0	.1	.2	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.8
SE	.0	.3	.3	3.8	.1	1.1	.1	.6	.0	.2	.0	.0	.0	.0	.5 5.9
SSE	.0	.2	.5	5.4	.2	2.1	.1	1.5	.0	.4	.0	.0	.0	.0	.8 9.6
S	.0	.3	.6	6.9	.2	2.2	.2	2.5	.1	.8	.0	.1	.0	.0	1.1 12.8
SSW	.0	.2	.1	1.5	.0	.4	.0	.5	.0	.2	.0	.1	.0	.0	.3 3.0
SW	.0	.1	.1	.9	.0	.2	.0	.0	.0	.1	.0	.1	.0	.0	.1 1.3
WSW	.0	.1	.1	.8	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1 1.3
W	.0	.0	.1	1.2	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2 1.9
WNW	.0	.1	.1	1.6	.0	.5	.0	.3	.0	.2	.0	.0	.0	.0	.2 2.8
NW	.0	.3	.1	1.7	.0	.4	.1	.6	.0	.2	.0	.1	.0	.0	.3 3.4
NNW	.0	.2	.3	3.9	.1	1.6	.1	1.3	.1	1.3	.0	.1	.0	.0	.7 8.4
CALM	.4	5.0													.4 5.0
TOTAL	.7	7.9	4.5	51.9	1.5	17.3	1.3	14.6	.6	7.0	.1	1.1	.0	.2	8.7 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 2 / NIGHT

NO. OBS.: 3774

STATION NUMBER: 13968

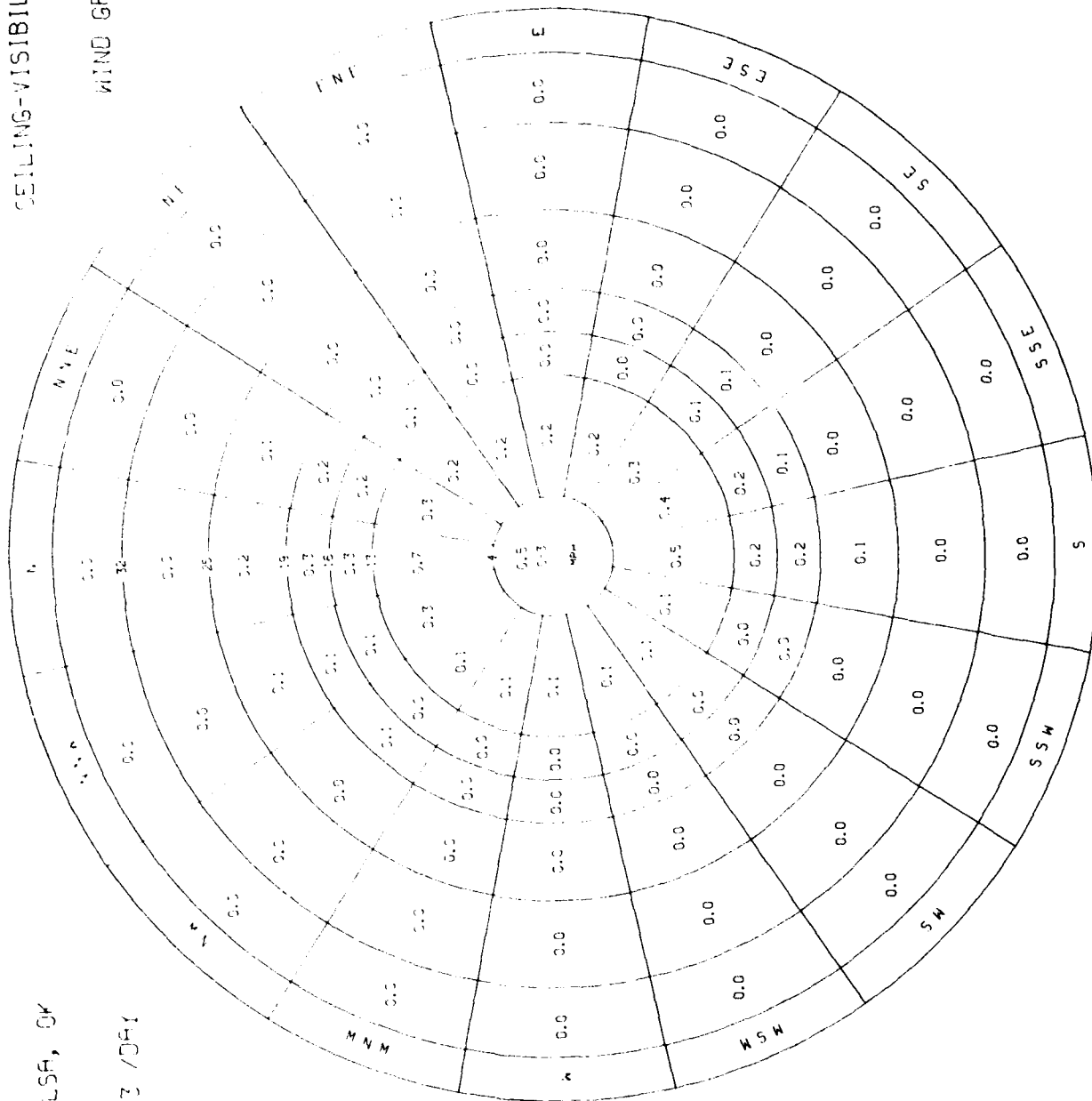
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.5	1.1	11.7	.4	4.5	.4	3.9	.3	3.0	.0	.2	.0	.1	2.2	23.8	12.9
NNE	.0	.2	.4	4.2	.2	2.2	.2	2.3	.1	1.1	.0	.2	.0	.0	.9	10.1	13.5
NENE	.0	.2	.2	2.4	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.3	9.5
ENE	.0	.2	.1	1.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	1.9	8.2
E	.0	.2	.2	1.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.3	7.8
ESE	.0	.1	.2	1.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.2	9.2
SSE	.0	.3	.4	3.9	.1	.8	.1	.6	.0	.2	.0	.0	.0	.0	.5	5.8	10.1
SSE	.0	.3	.5	5.8	.2	1.9	.1	1.1	.0	.3	.0	.0	.0	.0	.9	9.6	11.0
S	.0	.4	.7	7.4	.2	2.5	.1	1.6	.0	.5	.0	.0	.0	.0	1.1	12.4	10.9
SSW	.0	.1	.1	1.4	.0	.5	.0	.3	.0	.2	.0	.0	.0	.0	.2	2.4	11.4
SW	.0	.3	.1	1.1	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.2	1.8	9.1
WSW	.0	.1	.1	.6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.9	10.2
W	.0	.2	.1	.8	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.5	10.0
WNW	.0	.2	.1	1.4	.0	.3	.0	.4	.0	.2	.0	.0	.0	.0	.2	2.6	10.5
NW	.0	.3	.2	2.6	.1	.8	.1	.8	.0	.2	.0	.1	.0	.0	.4	4.9	11.7
NNW	.0	.3	.4	4.5	.1	1.3	.1	1.6	.1	.8	.0	.1	.0	.0	.8	8.6	12.1
CALM	.5	5.9													.5	5.9	
TOTAL	.9	9.7	4.9	52.9	1.5	16.2	1.2	13.5	.6	6.8	.1	.8	.0	.1	9.2	100	10.8

CEILING-VISIBILITY

WIND GRAPH

TUL TULSA, OK

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

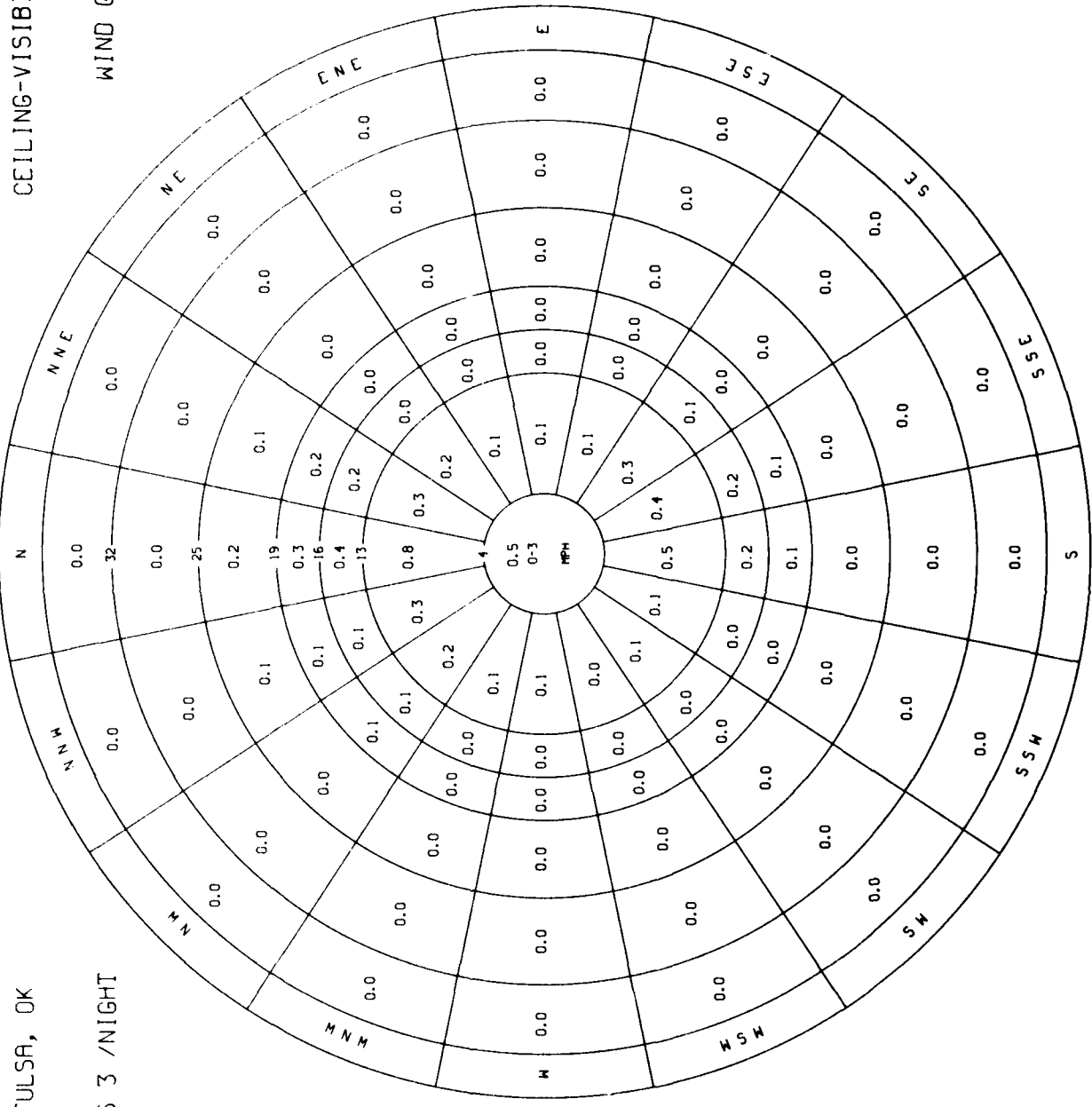
CLASS 3 / DAY

STATION NUMBER: 13968

NO. OBS.: 3516

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.7	9.3	.3	4.1	.3	4.0	.2	2.5	.0	.5	.0	.1	1.6 20.8
NNE	.0	.1	.3	4.6	.2	2.6	.2	2.3	.1	1.0	.0	.0	.0	.0	.8 10.7
NE	.0	.2	.2	2.3	.1	.8	.0	.5	.0	.2	.0	.0	.0	.0	.3 4.1
ENE	.0	.1	.2	2.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.6
E	.0	.2	.2	2.4	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.2 3.3
ESE	.0	.1	.2	2.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.8
SE	.0	.2	.3	3.9	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.5 6.1
SSE	.0	.1	.4	5.2	.2	2.0	.1	1.6	.0	.4	.0	.0	.0	.0	.7 9.4
S	.0	.3	.5	6.5	.2	2.5	.2	2.8	.1	.9	.0	.1	.0	.0	1.0 13.1
SSW	.0	.1	.1	1.6	.0	.5	.0	.6	.0	.3	.0	.1	.0	.0	.2 3.2
SW	.0	.0	.1	1.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.1 1.3
WSW	.0	.1	.1	.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1 1.4
W	.0	.0	.1	1.3	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.1 1.9
WNW	.0	.1	.1	1.7	.0	.6	.0	.3	.0	.2	.0	.0	.0	.0	.2 2.9
NW	.0	.3	.1	1.7	.0	.5	.1	.7	.0	.2	.0	.1	.0	.0	.3 3.4
NNW	.0	.2	.3	3.7	.1	1.7	.1	1.3	.1	1.4	.0	.1	.0	.1	.6 8.5
CALM	.3	4.3													.3 4.3
TOTAL	.5	6.8	3.8	50.4	1.4	18.1	1.2	15.7	.6	7.6	.1	1.1	.0	.3	7.6 100
															11.7

CEILING-VISIBILITY
WIND GRAPH



TUL TULSA, OK
CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 13968

NO. OBS.: 3004

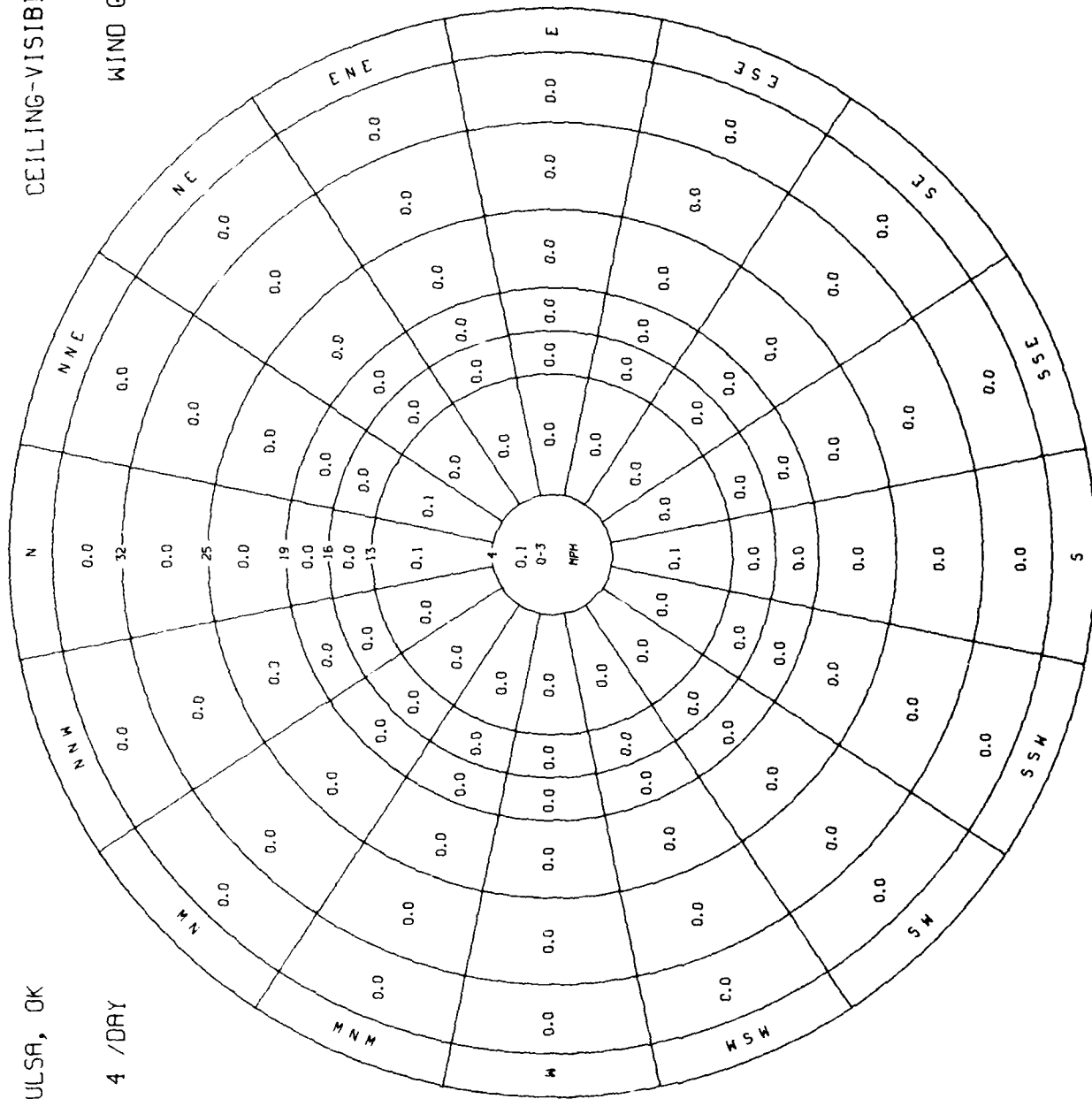
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.8	11.4	.4	5.3	.3	4.5	.2	3.3	.0	.3	.0	.1	1.8	25.0	13.4
NNE	.0	.1	.3	3.8	.2	2.4	.2	2.6	.1	1.4	.0	.3	.0	.0	.8	10.7	14.1
NE	.0	.1	.2	2.2	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.2	3.1	10.2
ENE	.0	.1	.1	1.3	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	1.7	8.8
E	.0	.2	.1	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.2	8.2
ESE	.0	.0	.1	1.8	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.2	2.2	9.5
SE	.0	.2	.3	3.7	.1	1.0	.0	.7	.0	.2	.0	.0	.0	.0	.4	5.8	10.7
SSE	.0	.3	.4	5.1	.2	2.2	.1	1.2	.0	.4	.0	.0	.0	.0	.7	9.2	11.7
S	.0	.4	.5	6.4	.2	2.8	.1	1.9	.0	.6	.0	.0	.0	.0	.9	12.0	11.8
SSW	.0	.1	.1	1.3	.0	.5	.0	.3	.0	.2	.0	.0	.0	.0	.2	2.4	12.0
SW	.0	.1	.1	1.2	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.1	1.8	10.2
WSW	.0	.1	.0	.6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.9	9.8
W	.0	.2	.1	.9	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1	1.7	10.4
WNW	.0	.2	.1	1.4	.0	.4	.0	.5	.0	.3	.0	.0	.0	.0	.2	2.7	11.1
NW	.0	.2	.2	2.7	.1	1.0	.1	1.0	.0	.2	.0	.1	.0	.0	.4	5.3	12.3
NNW	.0	.2	.3	4.8	.1	1.4	.1	1.7	.1	1.0	.0	.1	.0	.0	.7	9.2	12.5
CALM	.3	4.3													.3	4.3	
TOTAL	.5	7.1	3.7	50.0	1.3	18.3	1.1	15.4	.6	8.0	.1	1.0	.0	.1	7.3	100	11.6

CEILING-VISIBILITY

WIND GRAPH

TUL TULSA, OK

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 4 / DAY

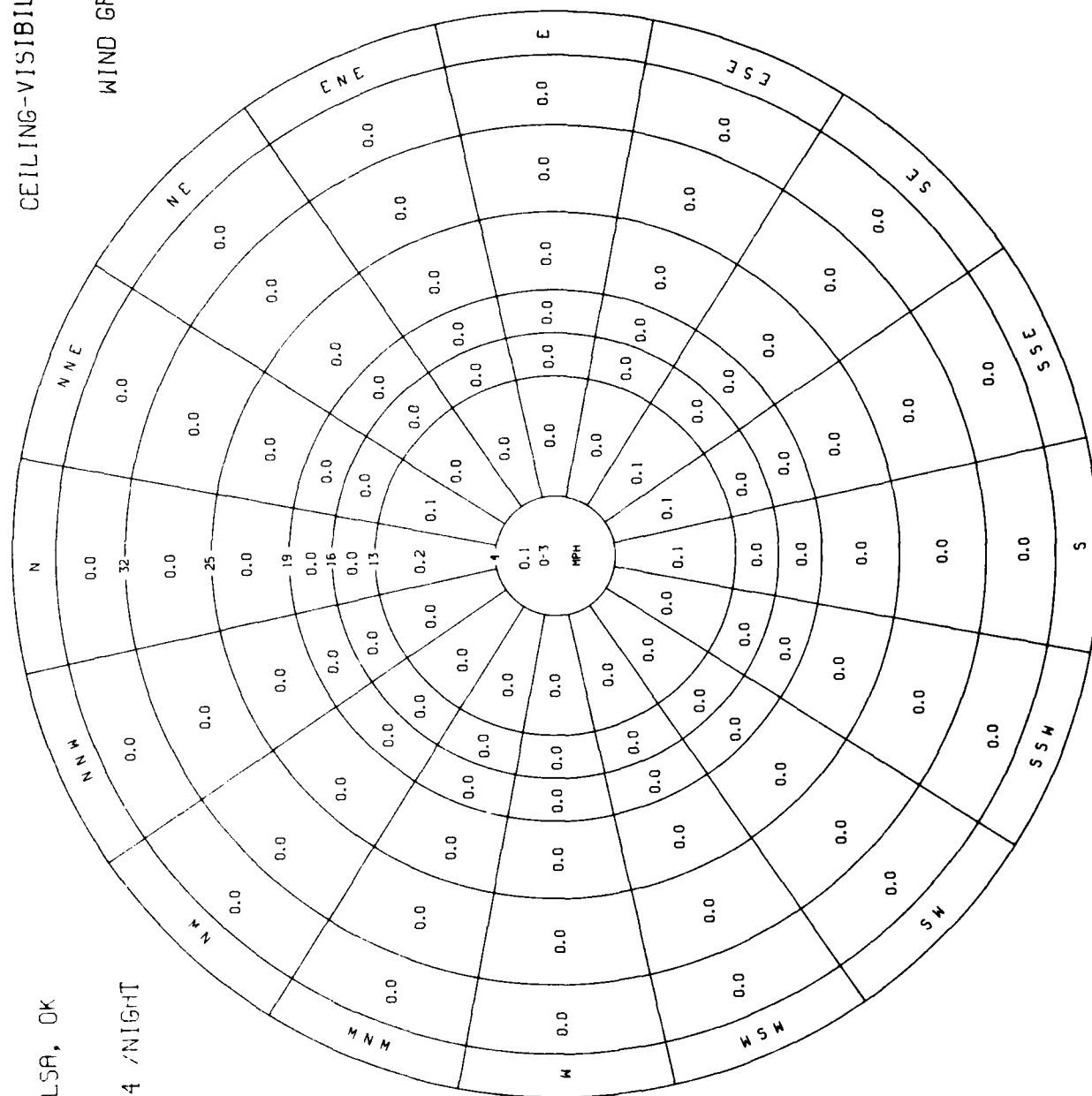
STATION NUMBER: 13968

NO. OBS.: 372

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.5	.1	12.6	.0	3.5	.0	3.0	.0	.8	.0	.5	.0	.0	.2	21.0	11.6
NNE	.0	.3	.1	7.0	.0	3.0	.0	1.3	.0	.8	.0	.5	.0	.0	.1	12.9	12.9
NE	.0	.3	.0	4.6	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	5.9	9.2
ENE	.0	.3	.0	3.0	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	4.0	9.1
E	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.2
ESE	.0	.0	.0	2.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.4	9.1
SE	.0	.3	.0	3.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.9
SSE	.0	.5	.0	6.2	.0	2.2	.0	.8	.0	.0	.0	.0	.0	.0	.1	9.7	10.2
S	.0	.8	.1	10.2	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.1	11.8	9.0
SSW	.0	.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.5
SW	.0	.3	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
WSW	.0	.3	.0	.3	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.1	11.2
W	.0	.3	.0	.5	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.6	10.2
WNW	.0	.0	.0	1.1	.0	.3	.0	.5	.0	.5	.0	.3	.0	.0	.0	2.7	15.2
NW	.0	.3	.0	2.2	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.5	9.6
NNW	.0	.0	.0	5.4	.0	.8	.0	1.3	.0	.5	.0	.0	.0	.0	.1	8.1	10.4
CALM	.0	6.2													.0	6.2	
TOTAL	.1	10.8	.5	61.8	.1	13.2	.1	9.7	.0	3.2	.0	1.3	.0	.0	.8	100	9.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 4 / NIGHT

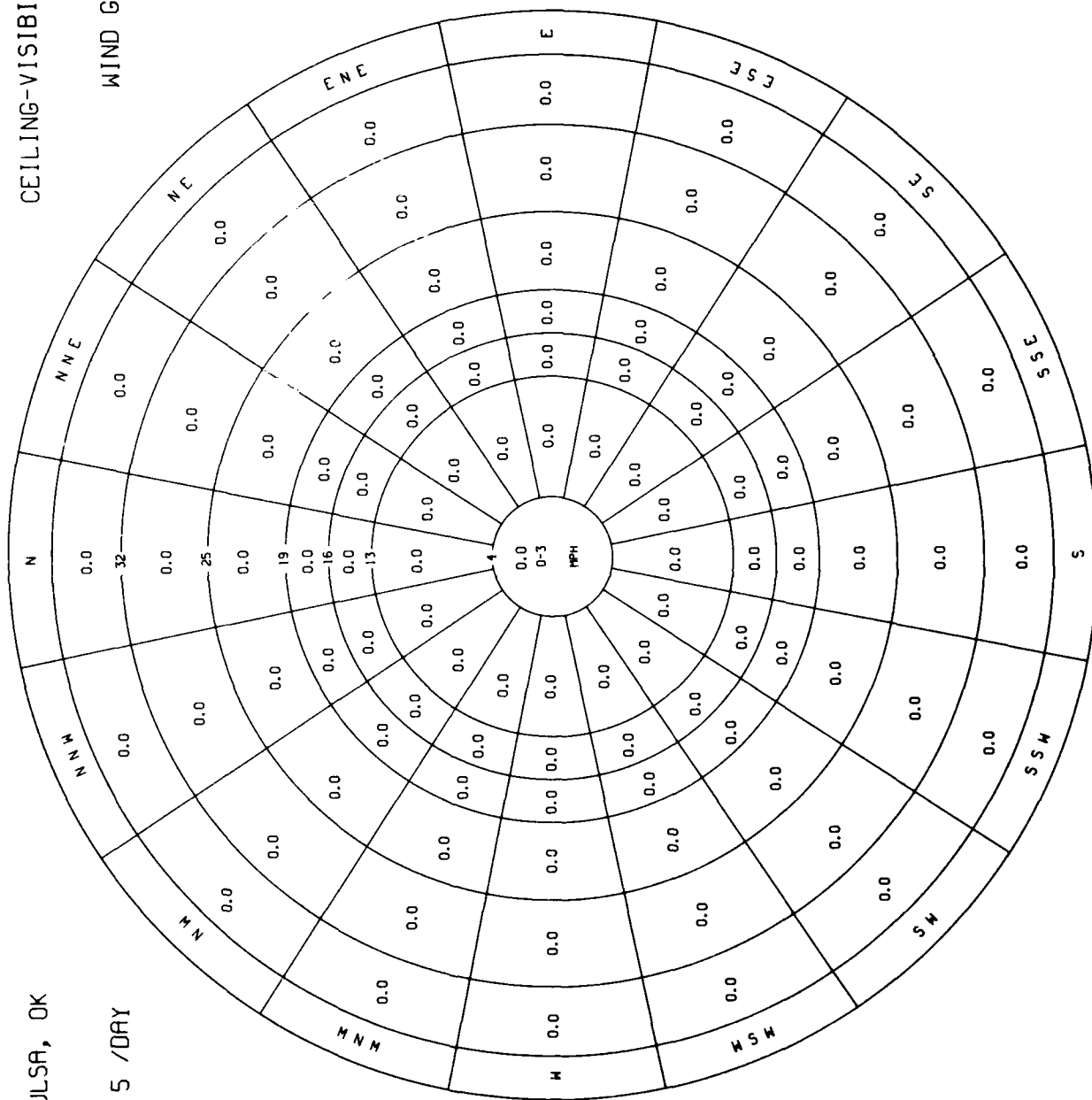
NO. OBS.: 465

STATION NUMBER: 13968

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.2	14.6	.0	2.2	.0	2.6	.0	2.2	.0	.0	.0	.0	.2 21.7
NNE	.0	.2	.1	5.8	.0	2.2	.0	1.7	.0	.0	.0	.0	.0	.0	.1 9.9
NE	.0	.6	.0	3.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.2
ENE	.0	.6	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
E	.0	.2	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
ESE	.0	.0	.0	1.9	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0 2.4
SE	.0	.6	.1	4.5	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.1 6.0
SSE	.0	.2	.1	7.5	.0	.6	.0	1.1	.0	.2	.0	.0	.0	.0	.1 9.7
S	.0	.4	.1	10.3	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.1 12.9
SSW	.0	.4	.0	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
SW	.0	1.1	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
WSW	.0	.0	.0	.6	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0 1.1
W	.0	.2	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
WNW	.0	.4	.0	1.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0 2.4
NW	.0	.2	.0	1.9	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0 2.8
NNW	.0	.6	.0	4.1	.0	.9	.0	1.3	.0	.2	.0	.0	.0	.0	.1 7.1
CALM	.1	6.9													.1 6.9
TOTAL	.1	13.1	.7	64.9	.1	10.3	.1	8.8	.0	2.8	.0	.0	.0	.0	1.1 100
															8.8

CEILING-VISIBILITY

WIND GRAPH



TUL TULSA, OK

CLASS 5 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 5 / DAY

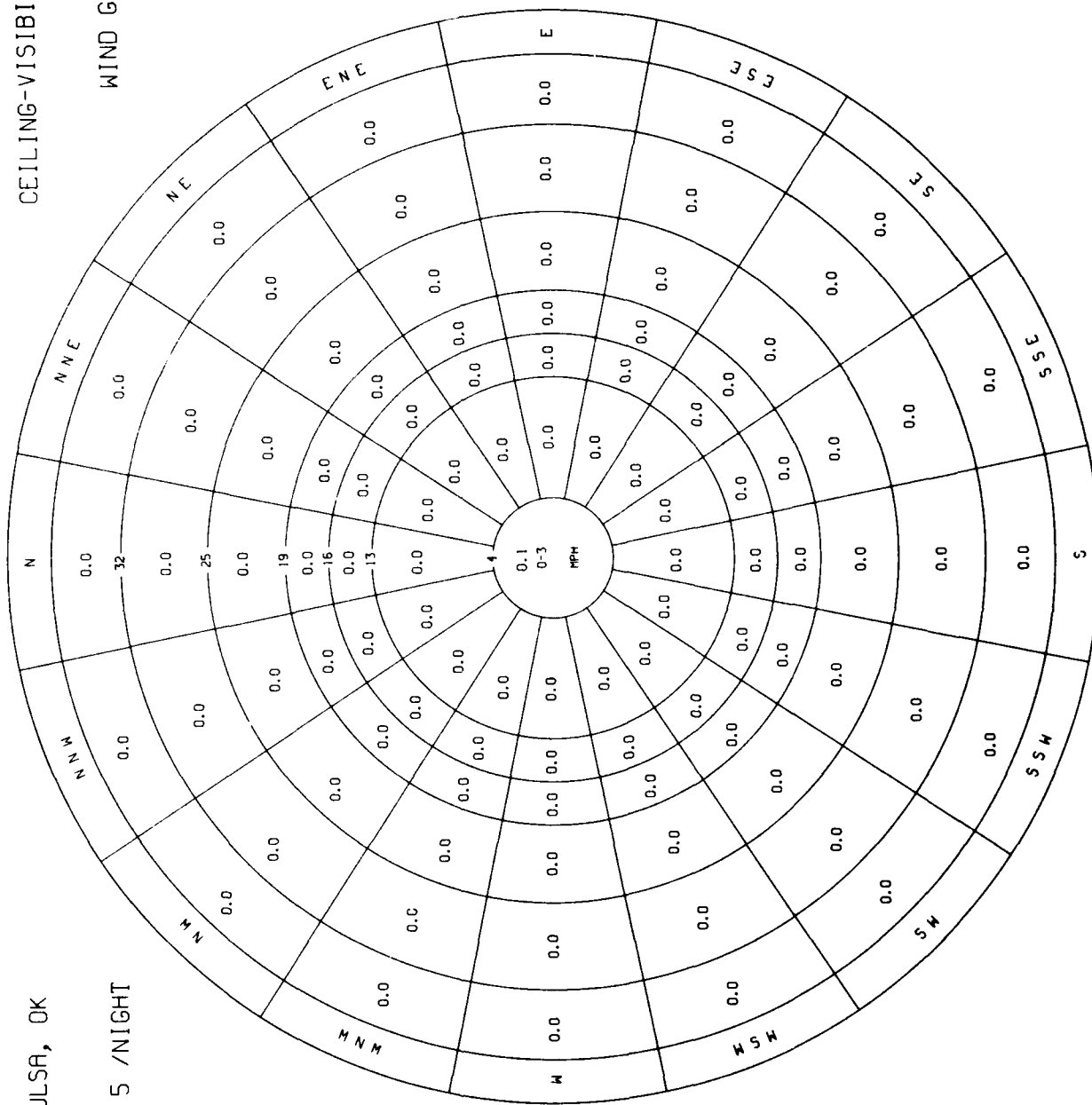
STATION NUMBER: 13968

NO. OBS.: 66

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	13.6	.0	4.5	.0	1.5	.0	3.0	.0	.0	.0	.0	.0	22.7	11.6
NNE	.0	.0	.0	7.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	8.0
NE	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.0
ENE	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.3
E	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.5
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	3.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.2
SSE	.0	3.0	.0	6.1	.0	4.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	15.2	9.2
S	.0	.0	.0	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	7.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	14.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
WNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
NW	.0	1.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.7
NNW	.0	.0	.0	4.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.2
CALM	.0	12.1													.0	12.1	
TOTAL	.0	19.7	.1	60.6	.0	13.6	.0	3.0	.0	3.0	.0	.0	.0	.0	.0	1	100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 5 / NIGHT

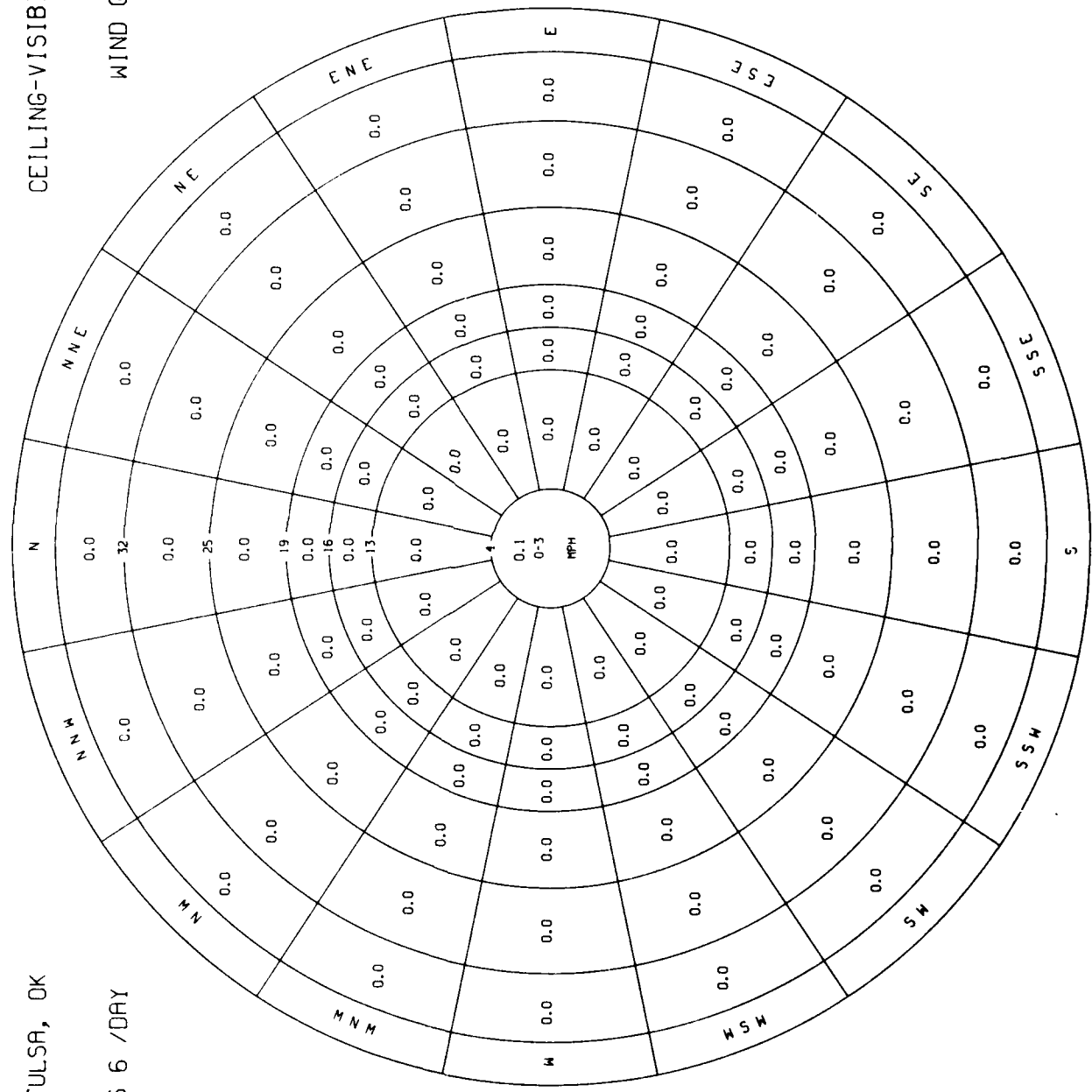
STATION NUMBER: 13968

NO. OBS.: 120

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
																C	D	
N	.0	2.5	.0	15.0	.0	1.7	.0	.8	.0	1.7	.0	.0	.0	.0	.0	1	21.7	9.2
NNE	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.6
NE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0
ENE	.0	.8	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.8
E	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.5
ESE	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.0
SE	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.7
SSE	.0	.8	.0	11.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.2	8.7
S	.0	1.7	.0	14.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	7.4
SSW	.0	.0	.0	2.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.6
SW	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	1.7	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8
NNW	.0	.8	.0	2.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.0
CALM	.0	14.2														.0	14.2	
TOTAL	.1	25.8	.2	65.0	.0	6.7	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.3	100	6.7

CEILING-VISIBILITY
WIND GRAPH

TUL TULSA, OK
CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 13968

NO. OBS.: 81

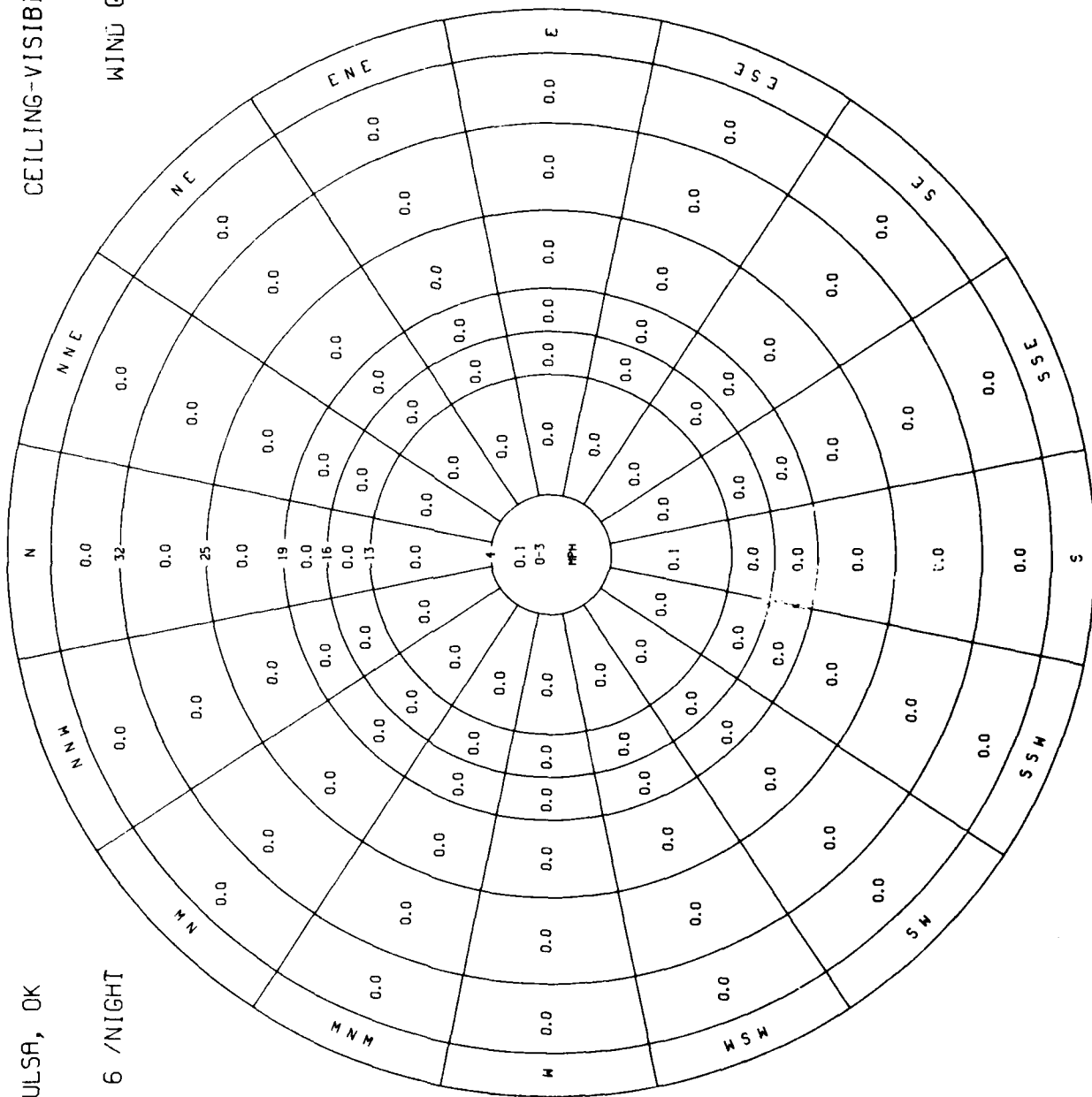
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.2	.0	16.0	.0	1.2	.0	.0	.0	1.2	.0	.0	.0	.0	.0 19.8
NNE	.0	1.2	.0	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.4
NE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
E	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
ESE	.0	1.2	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.2
SE	.0	1.2	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9
SSE	.0	1.2	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 12.3
S	.0	.0	.0	9.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 9.9
SSW	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
SW	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0 2.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NNW	.0	1.2	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.2
CALM	.0	23.5													.0 23.5
TOTAL	.1	32.1	.1	64.2	.0	1.2	.0	.0	.0	1.2	.0	1.2	.0	.0	.2 100
															5.8

CEILING-VISIBILITY

WIND GRAPH

TUL TULSA, OK

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 6 / NIGHT

NO. OBS.: 185

STATION NUMBER: 13968

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.2	.0	7.0	.0	.0	.0	.5	.0	1.1	.0	.0	.0	.0	.0 10.8
NNE	.0	.5	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.9
N	.0	.0	.0	4.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9
ENE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
E	.0	.5	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
ESE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
SE	.0	1.1	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.4
SSE	.0	1.6	.0	10.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1 12.4
S	.0	.5	.1	13.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.1 15.1
SSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
SW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
WSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
W	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
WNW	.0	.5	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
NW	.0	.5	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
NNW	.0	1.1	.0	3.2	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0 5.4
CALM	.1	23.8													.1 23.8
TOTAL	.1	33.0	.3	62.2	.0	2.2	.0	1.6	.0	1.1	.0	.0	.0	.0	.5 100
															5.4

CEILING-VISIBILITY
WIND GRAPH

